Max's Distinctive, Impressive BizTech Student Blog

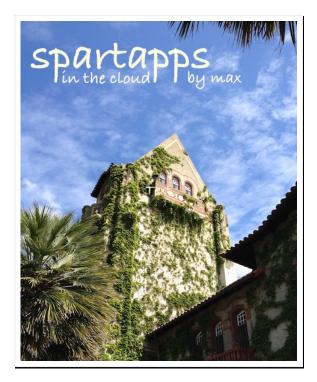
Sunday, September 25, 2016

DataMatic: It Slices, It Dices, Visualizes & Analyzes

Ok, so what IS a database, really? Despite being a vegetarian (mostly), I'm getting it this way—a database is to data as KFC is to chicken. It slices, it dices, things whirl around and bing...out comes just the parts you want, done to perfection. Some people want certain parts, done a certain way. Others want different parts, done another way. Databases are no different, really, except you don't need a wet-nap afterwards (one hopes).

This is good because Riley raved on my app (yessssssss! crowd goes wild, \$200 added to checking, yay). But when she explained more about everything she has to deal with to make this VC/angel stuff work, it got me thinking. The more I thought, the more sure I got—I could get the app to be way more helpful to what she's trying to do if I could just figure out how to add some data slicing & dicing. I brain-dumped with her at Starbucks the next day, sketching my ideas on a napkin in the classic Silicon Valley style, and then the quest for Version 2.0 (and \$300 this time!) was on.

BTW—Here's the splash screen I put together for my little app-making service, working with the SJSU Spartan theme.



Totally optional, of course, but if you're highly motivated, you can try to figure out how to embed my pic (or your own) so it flashes for a sec every time when you first open your mobile app. Hint: Start with **Mobile Administration** (under **Administer**, at the top, on the lefthand side menu).

So, my fan-people, after talking with Riley, I cooked up a new, improved version of my app!

From what she told me, I realized she needed a new field, **Closability**, a percentage (0-100%). For each pitch, **Closability** tells how likely it is that she will close the deal with that VC or angel. Like if there's a VC company she's pretty sure will sign the contract, then she might set the **Closability** for that pitch to like 90%. Or if one of the angels is a long shot, she might set the **Closability** for that pitch to only 5% (1 in 20). For every pitch, it's just an estimate, for sure, based on her intuition from dealing with that firm but it helps her track what to do. You'll see.

So, to save you time (& steps), I made what SF calls a "package" containing my new **Pitch** structure (with **Closability** added) along with some other stuff I added for later on. Packages are how you give somebody whatever objects, layouts, apps, programming code, etc that you want to share—you save it all in a package and SF puts it on their cloud servers at a link you give out for people to install your package of stuff into their own SF account.

Now, if you're thinking what I was thinking, you're right—you don't have to share packages for free. Packages are how you can sell the apps & such you've created to others who want to use them!

When you install a package, it creates the structures that were put into it—in this case, it creates the new **Pitch** object and the associated tab, layouts, apps, code, etc. but NOT the data. You have to export/import that separately, but it's easy. I'll show you in a sec. But before we do that, I'll show you how to get rid of your **Pitch** object (and data). Don't worry—I made up 10 records you'll be able to download and import in a flash. (They're not Riley's real data, of course.) Start by deleting your **Pitch** object:

- 1. Go to Setup > Build > Create > Objects > Pitch
- 2. Click the **Delete** button in the center
- 3. In the popup window that appears, confirm you want to delete by checking the box that says "Yes, I want to delete the custom object."
- 4. Then click the **Delete** button at the bottom of the popup window (you might have to scroll down to find it)
- 5. A few seconds later you should see **Deleted Objects (1)**, confirming you deleted it. (Note you can click there to undelete for up to 15 days after deleting!)

Ok so here's the part where I'm trying to "monetize my IP" (my blog) by getting my readers to chip in-a paltry one-time gratuity of \$19.99! Riley says this is how blog writers cuts back work hours so they can keep writing instead. We shall see, but for now:

6. To get the Pitch package that you need (and to see a selfie with my bff, Rocky) just click this link or type it into your browser:

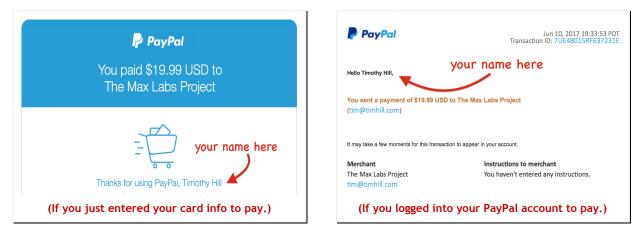
http://tiny.cc/maxnrocky

7. Now, on the "Max's Pitch Package Shop" page, click the **Buy now with PayPal** button (any credit or debit card works)



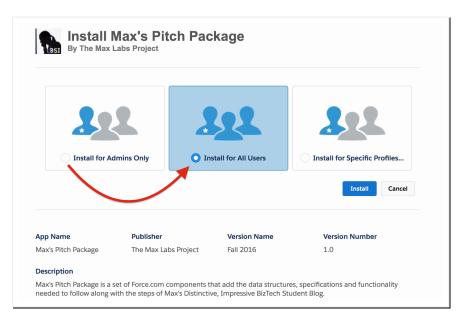
8. Add your deets & finish off the buy by clicking Pay Now

9. Check your email & find a PayPal receipt-the top should like one of these below (but with your name, of course)



10. Now, back on the "Max's Pitch Package Shop" PayPal confirmation web page, follow the steps it shows by <u>entering the email address you used when you got your SF account</u> (the one SF emailed your account verification to), etc & then on the **Thank You** page, click **Install**

Now back in SF, you should see an Install Max's Pitch Package page appear:



- 11. Click the Install for All Users panel in the middle
- 12. Click the blue Install button at the right
- 13. It'll say "installing and granting access to all users" for a bit & then Installation Complete!
- 14. Just click Done underneath that, on the right, & you'll see the one new package on the list

Now you should have the new, improved **Pitch** object all set up, including the new **Closability** field. All you need to do is get some data. I made some up and used Excel to put it into a plain text file (.csv) which is a format SF likes for importing. Prof gave me some space on his Google Drive to upload the file so you guys could download it & try this out.

15. Just open a new tab with the link below and Google Drive should open a preview of the file and just use the down arrow on the menu bar at the top of the page to download the file to somewhere on your computer (eg. your desktop) where you can find it later in **Step 21**

16. Then, close the download tab and, back in SF, go to Administer > Data Management > Data Import Wizard

Home Chatter Campaigns Lo	ads Contacts Opportunities Reports Dashboards Pitches +
Quick Find / Search Ø Q	Data Management Help for this Page 🥹
Lightning Experience	Data Management
Salesforce1 Quick Start	Controls for State and Country/Territory as a Picklist + Mass transfer records from one user to another Manage your reporting snapshots + Mass delete specific records Data Import Wizard + Mass manage pending approval requests
Force.com Home	Request an export of all your salesforce.com data 'Mass update the addresses of your records View your company's storage usage 'Download Data Loader for Windows
Administer	Getting Started
▶ Manage Users	Importing Your Organization's Data
Manage Apps	Managing Data Quality
Manage Territories	
 Company Profile Security Controls 	
 Domain Management 	
Communication Templates	
Translation Workbench	
Data Management	
Reporting Snapshots	
Data Import Wizard	
Storage Usage	
Mass Transfer Records	

- 17. Scroll down and find the big green-ish Launch Wizard buttons and click it
- 18. Under "What kind of data are you importing?" click the **Custom Objects** tab. That should show up **Pitches** below
- 19. Click on Pitches. That will fill in the middle box labelled What do you want to do?
- 20. In that middle box, click on Add new records
- 21. Then in the right hand column of the page, you'll see where you can drag that .csv file you just downloaded onto the panel labeled **Drag CSV file here to upload**. SF will fill in the **File**, **Character Code** and **Values Separated By** fields automatically-just leave them as is.

Or click **CSV** just below, with the little page icon by it. That should open a panel below and then under **File**, click on **Choose File** which should bring up a popup window for you to choose a file from your computer's hard drive. Just navigate to the .csv file you just downloaded and double-click it or single-click to select it and then click **Choose**.

(<u>Windows users note</u>: If you can't find the file, it might be because your file search is set to show Excel files only, so you might need to change that setting to All Files to be able to find the .csv file you just downloaded.)

- 22. Once you have the file selected properly, the green **Next** button that was dimmed until now should be bright, inviting you to click it, so go ahead and click **Next**
- 23. The next page that appears, **Edit Field Mapping: Pitches**, should show a perfect match between the SF **Pitch** object's field names and the column headers in the .csv file and it even shows you samples of the data that will be going in
- 24. Click the green Next button
- 25. The next page that appears should say you have 12 mapped fields and then you can just click the green **Start Import** button
- 26. A popup window should appear with **Congratulations** (a little weird) and you can just click **OK**
- 27. You'll get an email saying your Pitches import is complete
- 28. Then you should just be back in your normal SF environment with a page of stats you can ignore about the import

Now you've got all the data but how can you see it? When you deleted the **Pitch** object, it trashed your **Pitches** tab. When you installed the package, it recreated the **Pitch** object AND the tab, but you need to add the tab back onto the tab bar at the top in order to see it. Here's how:

29. Click on the plus sign at the end of the tab bar



- 30. That'll show you all your existing tabs and you can just click the orange button that says **Customize My Tabs** on the upper right
- 31. Find Pitches in the list under Available Tabs on the left and select it
- 32. Then, click the Add button in the center to move Pitches over to the Selected Tabs list
- 33. Just click Save and your new Pitches tab should show up now

Now click on your Pitches tab to see the new data. Yikes! Where is it?! (Sorry I couldn't help it.)

No, you won't see anything just yet, even though the data really is there. Why? Well, when you go to the **Pitches** tab, by default, it only shows you records you recently touched. Last time, you had touched them all recently by creating them. This time, you imported mine and haven't touched them yet so this view shows nothing!

No worries. It's the perfect opportunity to show you how I learned to customize views, slicing & dicing the data so it's easier for Riley to get the stuff she needs out of it:

34. First click on **Create New View** near the center

Home Chatter Campaigns	Leads Contacts Opportunities Reports Dashboards Pitches +	
Create New 🔻	In the second se	Help for this Page 🥹
Recent Items No records to display	View: All 👩 Got. Edif(Create New View)	
	Recent Pitches	Recently Viewed
🛐 Recycle Bin	No recent records. Click Go or select a view from the dropdown to display records.	

- 35. For View Name enter "Pitch Everything"
- 36. Tab to get View Unique Name to autofill
- 37. Scroll down to Step 3. Select Fields to Display
- 38. Under Available Fields, click Address so that it's selected
- 39. Hold down the **Shift** key while you click on **Type** (lower down on the list) & that should highlight everything from **Address** all the way down to **Type**
- 40. Now click the **Add** button in the middle to move all twelve (12) fields over to the **Selected Fields** list
- 41. Now at the bottom, under **Step 4. Restrict Visibility**, select **Visible to all users (Includes** partner and customer portal users)
- 42. Click Save

Now you should see all ten (10) records you imported from my file with all the custom fields showing but you'll have to scroll sideways to see everything. See? I told you it was all in there.

And here's a nifty feature:

43. Click on the column header for the Business Name field (near the left, by Address)

Notice that all the records (rows) automatically reordered themselves alphabetically by **Business** Name!

44. Now do the same thing to the **Closability** field by clicking on that header.

Notice the records are now sorted by **Closability** from lowest to highest.

45. Click on the **Closability** header again to see it reorder from highest down to lowest.

See how this gives Riley a lot of power to browse her data? But wait, there's more!

- 46. Click on Create New View again
- 47. For View Name enter "Angels Only" & tab to let View Unique Name autofill below
- 48. Scroll down if you need to to find Step 2. Specify Filter Criteria
- 49. Under Filter By Additional Fields (Optional):, below the Field column, click --None-- to open the pull-down menu of fields to choose from
- 50. Click on Type
- 51. The menu immediately to the right, under **Operator**, will automatically switch to **equals**
- 52. Next find and click the little magnifying glass icon immediately to the right of the Value column slot next to the equals operator

Fitches Create No	ew View			Help for this Page
	Save	Cancel		
Step 1. Enter View	Name			= Required Information
View Name: View Unique Name:	Angels Only Angels_Only	i		
Step 2. Specify File	ter Criteria			
Filter By Owner: All Pitches My Pitches Filter By Additional Field	Fields (Optional): Operator	Value		Field Filters Help (
Туре	¢ equals	\$		
None	+None	\$	AND	
None	+None	\$	AND	
	♦None	\$	AND	
None				

- 53. That should open a popup window containing the two possible values of Type to choose from
- 54. Click the checkbox for **Angel** and then click **Insert Selected**. That should make the popup disappear and place "Angel" into the **Value** slot next to **equals** back on the form
- 55. Below, under **Step 3. Select Fields to Display**, move these fields, one at a time, over to the **Selected Fields** list: **Business Name**, **Investment Amount**, **Equity Percentage**, **Closability** and **Comments**, in that order. (If you already did it in a different order, it's ok-you can select any one of them in the **Selected Fields** list and use the **Top**, **Bottom**, **Up** and **Down** buttons immediately to the right to move them into the right order)

- 56. Like before, under Step 4. Restrict Visibility, select Visible to all users (Includes partner and customer portal users)
- 57. Click Save

See the new listing? Cool slicing, eh? Now for some dicing.

- 58. Notice the menu of available views up above the list, showing **Angels Only** as the current view. You can pull this down to select a different view at any time
- 59. For now, stay on Angels Only but click on Edit, immediately to the right

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	Action	Pitch ID ↑	Business Name	Investment Amount	Equity Percentage	Closability	Comments	
	Edit Del	P-000	Soaring Eagle, Inc	\$500,000.00	33.3	25	Nice guy but skeptical	
	Edit Del	P-001	Engell & Associa	\$200,000.00	25.0	20	Control freak; watch out	
	Edit Del	P-005	Rosen Ventures,	\$240,000.00	10.0	10	Drives a hard bargain; w	
	Edit Del	P-006	Capital Magic	\$700,000.00	50.0	5	Long shot but high roller	
_	Edit Del	P-007	Valducci Amalgam	\$160.000.00	5.0	30	Hard to nail down for foll	

- 60. Now clear out "Angels_Only" from View Unique Name so it's empty & then clear View Name too & type in "Loaded & Likely Angels Only" & tab to fill in View Unique Name
- 61. Scroll down to where you had already set the filter to Type equals Angel
- 62. In the 2nd filter row, set the **Field** menu to **Investment Amount**, set the **Operator** to **greater than** and enter "200000" (5 zeroes, no commas) into the **Value** slot
- 63. In the 3rd filter row, set the **Field** to **Closability**, set the **Operator** to **greater or equal** and enter "10" into the **Value** slot (be sure you pick the one with "equal" too, <u>not just ></u>)
- 64. Scroll down and click Save

Now, you're seeing only those five custom fields for the just the two (2) pitches where it's angels talking about more than \$200,000 AND there's at least a 10% chance of closing the deal.

Loaded & Likely Angels Only Edit Delete Create New View Mew Pitch Change Owner A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Other All							
	Action	Pitch ID †	Business Name	Investment Amount	Equity Percentage	Closability	Comments
))	Action Edit Del	Pitch ID ↑ P-000	Business Name Soaring Eagle, Inc	Investment Amount \$500,000.00	Equity Percentage 33.3	Closability 25	Comments Nice guy but skeptical

This is how I set up a bunch of views for certain slices & dices that Riley wants to see all the time. She just logs in, hits the **Pitches** tab and then picks whatever views she wants to see. And all the views are always automatically updated—whenever new **Pitch** records are added, they automatically show up in whatever views Riley's viewing (assuming they pass through the filters).

Riley's super busy so she loves this b/c it helps her see how to target certain types of investors and avoid wasting time with others. She thinks I'm like some kind of elite techno-wizard! But check out the rest...

So how about seeing a couple of different slices at the same time, so you can compare them, etc?

And how about getting stats on those slices, like average Investment Amount for VCs versus angels?

No problemo:

- 65. Click the Reports tab & if a yellow tour window pops up just click No Thanks to get rid of it
- 66. Click the New Report button and you'll get a page with a bunch of folders listed
- 67. Click on the plus sign (+) next to the **Other Reports** folder, at the bottom, to open it up and see **Pitches** listed

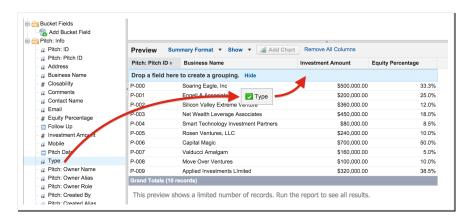
Select Report Type	
Q Quick Find	Preview
Accounts & Contacts Opportunities	Account Re Account O
Customer Support Reports	Joe Johnson
🕀 🧰 Leads	Shelly Smith
🗉 🧰 Campaigns	Tom Thompso
Activities	
Contracts and Orders	
Price Books, Products and Assets	
Administrative Reports	
File and Content Reports Gother Reports	
Pitches	

- 68. Click on Pitches then click the Create button at the bottom right corner
- 69. Kill the annoying yellow window again if it pops up and then you should see a report **Preview** pane in the center with a **Pitch ID** column already there and on the left, a column of **Pitch** fields with little icons to tell what type of data they hold, eg. text, numbers, dates, etc
- 70. Click on **Business Name**, in that lefthand column list and hold down on it to drag it over to the right of the **Pitch ID** column in the **Preview** pane:

Searce Searce	h Search	Max Flanagan 👻 Setup
CREPORT Type: Pitches Unsaved Report		Guided Tour
Save Save As Close	Report Properties Add Report Type Run Report	
Q Quick Find	Show My pitches	To
Drag and drop to add fields to the report	To add filters, click Add.	(LTB) (LTB)
- Address - Address - Business Name - # Closability	Preview Tabular Format Show Remove All Columns Pitch: Pitch ID +	
- a Comments - a Contact Name - a Email	P-000 P-001 P-002	
 # Equity Percentage Follow Up # Investment Amount Mobile 	P-004	
 B Pitch Date A Type P Pitch: Owner Name 	P-006 P-007	
 a Pitch: Owner Alias a Pitch: Owner Role a Pitch: Created By a Pitch: Created Alias 	P-008 P-009 Grand Totals (10 records)	
 ² ²	This preview shows a limited number of records. Run the report to	see all results.

71. You'll see a narrow blue line appear—that's where the new column will appear in your report. Go ahead and drop it there to the right of **Pitch ID**. You'll see the **Business Names** fill in.

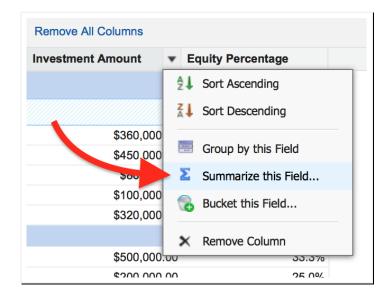
- 72. Now drag in **Investment Amount** and **Equity Percentage**, one at a time, in that order, further to the right side. (If you make a mistake you can just drag a column again to where you want it or drag it back off of the report into the list of fields again & start over!)
- 73. Now find the **Tabular Format** menu, just above **Business Name** in your **Preview** pane. Pull it down and select **Summary**
- 74. Next, drag **Type** and drop it on the blue bar, just below the column headers, where it says **Drop a field here to create a grouping.**



75. Now touch the **Investment Amount** header and you'll see a down-arrow appear, inviting you to pull down a menu



76. Click the arrow make the menu appear and then select Summarize this Field



- 77. In the **Summarize** popup window that appears, check the box under **Average** and click the **Apply** button
- 78. Now you'll see the average **Investment Amount** for VCs and for **Angels** and you'll notice that the **Angels** tend to be thinking in higher dollar terms than the VCs as a group
- 79. Repeat Steps 75-77 but for Equity Percentage to get those averages too & then note that those greedy Angels want a lot more equity, as a group, than their VC counterparts, too. Makes sense, though—they're risking more up front, they expect bigger shares of the payoff later

- 80. Now find the Save button on the upper left and click it to save your report
- 81. In the Save Report popup, enter the Report Name as "Average Amount & Equity by Type"
- 82. Tab to autofill the Report Unique Name
- 83. Pull down the Report Folder menu and select Unfiled Public Reports
- 84. Click Save and Run Report

Pitch: Pitch ID	Business Name	Investment Amount	Equity Percentage
Type: VC (5 re	cords)		
		avg \$262,000.00	avg 17.4%
<u>P-002</u>	Silicon Valley Extreme Venture	\$360,000.00	12.0%
<u>P-003</u>	Net Wealth Leverage Associates	\$450,000.00	18.0%
<u>P-004</u>	Smart Technology Investment Partners	\$80,000.00	8.5%
<u>P-008</u>	Move Over Ventures	\$100,000.00	10.0%
<u>P-009</u>	Applied Investments LImited	\$320,000.00	38.5%
Type: Angel (5	records)		
		avg \$360,000.00	avg 24.7%
<u>P-000</u>	Soaring Eagle, Inc	\$500,000.00	33.3%
<u>P-001</u>	Engell & Associates	\$200,000.00	25.0%
<u>P-005</u>	Rosen Ventures, LLC	\$240,000.00	10.0%
<u>P-006</u>	Capital Magic	\$700,000.00	50.0%
<u>P-007</u>	Valducci Amalgam	\$160,000.00	5.0%
Grand Total	s (10 records)		
		avg \$311,000.00	avg 21.0%

Now you've got a nice drag & dropped report that actually shows something meaningful. At least Riley loved it because it helps her analyze what's going on with her pitches. And here's a another nifty feature:

- 85. In the upper center, you'll see a **Time Frame** box with **Date Field** already set to **Follow Up** and **Range** set to **Custom**
- 86. Click on the From box and set the date to 11/1/2016
- 87. Click on the To box and set the date to 11/30/2016
- 88. Click the Run Report button on the left, above the report

Now, only the records with **Follow Up** dates in November are included and you can see that the differences between the angel and VC groups is even more exaggerated for the pitches that she's following up with in that month. Maybe interesting strategy implications for Riley? Don't know—she's the boss, but as least she can get the data, served to perfection, if/when she needs it.

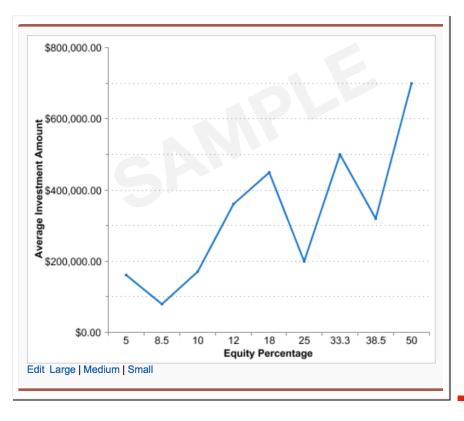
Visualizing data really helps sometimes and SF can help you do that too:

- 89. Click on your Reports tab and then New Report again, like before
- 90. Open the **Other Reports** folder again and click on **Pitches** and then the **Create** button on the bottom right, like before
- 91. Drag in Investment Amount and drop it next to Pitch ID
- 92. Touch the **Investment Amount** header see the down-arrow, like before, and drop down that menu & click **Summarize this Field** again
- 93. Check the box under Average and click Apply, just like before
- 94. Now, find the **Tabular Format** menu again, just above the **Investment Amount** header, pull it down and click on **Summary**
- 95. Now drag **Equity Percentage** from the lefthand column onto the blue bar at the top of the report that says **Drop a field here to create grouping.**

- 96. Now click the Add Chart button, just at the top of the Preview pane, near the center, and a Chart Editor popup window will appear
- 97. Near the top of the popup window, find the **Select Type** row with depictions of different types of charts and click on the third one, the **Line Chart**

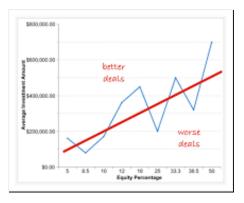
Chart Editor		Help for this Page 🥹 🗙
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- 98. Then click **OK** at the bottom of the popup window and you'll see your line chart, plotting **Average Investment Amount** against **Equity Percentage**
- 99. To save your chart/report, click Save on the upper left
- 100. Then in the popup window, enter "Equity vs Investment Chart" for the **Report Name**, tab to autofill the **Report Unique Name** and select **Unfiled Public Reports** for the **Report Folder**
- 101. Click Save and Run Report



Well, as Riley explained it, the "mountains" are good deals, relatively speaking. Those are the points where the pitched firms are offering higher levels of investment in return for lower levels of equity (ownership) they're demanding. The "valleys" are bad deals, by comparison, because those firms tend to be demanding more ownership (equity) for the level of investment they're offering her.

If you drew an imaginary line through the middle of the data, that was like the smooth version of the jagged line, then the deals above the line would be looking good and the ones below would be looking worse, by comparison.



Whenever Riley's pitching a new firm and negotiating a deal, she knows if they're falling below that line, they're greedy or she's not negotiating hard enough, etc. Visualization rules!

One more nifty thing to go for now—talking to Riley I got this idea. She was talking about gauging her progress. It's not easy b/c she hasn't closed any deals yet so if you ask how much capital she's raised the answer is zero. But she's made a lot of pitches and each one has some chance that it will close and bring \$ in. That's the closability factor. So really, to estimate how much she's LIKELY to have raised, you multiply the amount of the deal times the probability it will close, the closability, right? So if there's a 10% chance of a \$500,000 deal closing, then that's .10 X \$500,000 = \$50,000 of expected value in that pitch. Turns out you can add calculated fields like that to a record in SF:

- 102. Go to Setup > Build > Create > Objects > Pitch
- 103. Then, scroll back down to the Custom Fields and Relationships section and click New
- 104. This time, select Formula for the Data Type and click Next
- 105. For Field Label, enter "Expected Value" and tab to autofill Field Name
- 106. For Formula Return Type select Currency and click Next
- 107. Now on the Step 3. Enter formula page, be sure the Simple Formula tab is selected instead of the Advanced Formula tab and then find the -- Insert Merge Field -- menu

operators, an	mula and click Check Syntax to check for errors. Click the A d functions.
Evample:	More Examples
Simple For	mula Advanced Formula
Select Field	Type Insert Field
Pitch	ᅌ 🛛 Insert Merge Field ᅌ
Expected Ve	lue (Currency) =

- 108. Click on the -- Insert Merge Field -- menu to open it up and then select Investment Amount
- 109. SF will insert the internal field name "Investment_Amount__c" into the formula definition box for you
- 110. Next click on the Insert Operator menu to open it up and then select * Multiply

mple: Gross	Margin = Amount - Costc	More Examples
Simple Formula	Advanced Formula	
elect Field Type	Insert Field	
Pitch	Insert Merge Field 🔇	Insert Operator V
		+ Add
ected Value (C	urrency) =	- Subtract
axz_Investm	nent_Amountc	* Multiply
axz_Investm	ment_Amountc	* Multiply / Divide
axzInvestn	nent_Amountc	
axzInvestm	nent_Amountc	/ Divide

- 111. SF will insert the multiplication operator into your formula definition box for you, after Investment_Amount__c
- 112. Click on the -- Insert Merge Field -- menu again to open it up and this time, select Closability
- 113. SF inserts the internal field name "Closability_c" into the formula definition box for you
- 114. Now just click Next, then Next again and then Save

Now, to see data in your new field:

- 115. Click your **Pitches** tab
- 116. Click Create New View
- 117. For View Name, enter "Deal numbers & expected values"
- 118. Then tab to autofill View Unique Name
- 119. Scroll down and move Business Name, Investment Amount, Equity Percentage, Closability and Expected Value over from the Available Fields list to the Selected Fields list, by highlighting each and clicking the Add button, as before
- 120. Click on Visible to all users (Includes partner and customer portal users)
- 121. Click Save

New Pitch Change Owner A B C D E F G H I J K L M N O P Q R S T U V W Y Z Other AII Y X Y Y								
	Action	Pitch I 1	Business Name	Investment Amount	Equity Percentage	Closability	Expected Value	
	Edit Del	<u>P-000</u>	Soaring Eagle, Inc	\$500,000.00	33.3	25	\$125,000.00	
	Edit Del	<u>P-001</u>	Engell & Associates	\$200,000.00	25.0	20	\$40,000.00	
	Edit Del	P-002	Silicon Valley Extre	\$360,000.00	12.0	15	\$54,000.00	
	Edit Del	P-003	Net Wealth Leverag	\$450,000.00	18.0	2	\$9,000.00	
	Edit Del	<u>P-004</u>	Smart Technology I	\$80,000.00	8.5	40	\$32,000.00	
	Edit Del	P-005	Rosen Ventures, LLC	\$240,000.00	10.0	10	\$24,000.00	
	Edit Del	P-006	Capital Magic	\$700,000.00	50.0	5	\$35,000.00	
	Edit Del	<u>P-007</u>	Valducci Amalgam	\$160,000.00	5.0	30	\$48,000.00	
	Edit Del	P-008	Move Over Ventures	\$100,000.00	10.0	30	\$30,000.00	
	Edit Del	P-009	Applied Investment	\$320,000.00	38.5	25	\$80,000.00	

Now you can see all the records with the **Expected Values** appearing as if they were just part of the stored data but they're not. They're calculated when they're needed, like when you go to this view, so they're always up to date, even when someone changes the value of **Closability** or **Investment Amount** for a record. Nice, eh?

So how can Riley see at a glance how close she is to her goal of raising \$1.5M? Let's calculate & visualize it:

- 122. Click the Reports tab
- 123. Click New Report
- 124. Open the Other Reports folder
- 125. Click on Pitches
- 126. Click the Create button
- 127. Drag Expected Value onto the report Preview pane, to the right of Pitch ID
- 128. Touch the Expected Value header and click the little down arrow to open the menu
- 129. Select Summarize this Field
- 130. Check the box under Sum and click the Apply button
- 131. Click on the **Tabular Format** menu, just above the **Expected Value** header and select **Summary**
- 132. Drag Pitch: Pitch ID (NOT Pitch: ID) to the blue bar labelled Drop a field here to create a grouping.
- 133. Click Save at the upper left corner
- 134. For Report Name enter "Total Expected Value of Pitches So Far"
- 135. Tab to autofill Report Unique Name
- 136. Set Report Folder to Unfiled Public Reports
- 137. Click Save
- 138. Click Run Report
- 139. Now click the Dashboards tab
- 140. Click New Dashboard
- 141. Click-hold the gauge component on the left (the one that looks like a rainbow) and drag it onto the leftmost of the three columns in the middle of the page

Save Save As Close Components Data Sources	h Search	
	Click to enter a dashboard description.	Medium 🔹 🗙

- 142. Then click the Data Sources tab, just above the chart components icons
- 143. Click the plus sign (+) next to **Reports** to open that folder
- 144. Click the plus sign (+) next to Unfiled Public Reports to open that folder
- 145. Drag Total Expected Value of Pitches So Far to the gauge icon in the leftmost column of the middle area and drop it there

salesforce Search	Search									
🥺 Dashboard										
Save Save As Close Dashbo Components Data Sources	ard Properties Add Filter									
Recent My All Q Quick Find	Click to enter a dashboard description.	+ Medium × X								
Control Contro Control Control Control Control Control Control Control Control Co	Gauge									
	Edit Title Total Expected Value of Pitches Drag a data source here to add data. Edit Footer	s So Far								

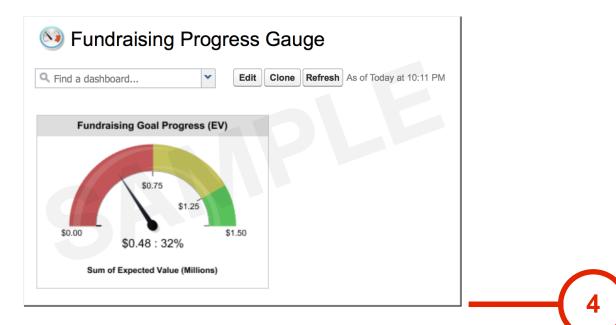
- 146. Click the little wrench icon above and to the right of the Gauge you created
- 147. For Maximum, enter 1500000 (b/c Riley has figured that anything between \$1,250,000 and \$1,500,000 is a go and anything beyond that is really overkill)
- 148. For **Breakpoint 2**, enter 1250000 (b/c Riley thinks launching with between \$750,000 and \$1,250,000 would make it doable, but not really enough to build the business efficiently)
- 149. For **Breakpoint 1**, enter 750000 (b/c if she doesn't raise at least that much, she'll bag it)

Component Data	Formatting
Minimum	0
Low Range Color	
Breakpoint 1	750000
Middle Range Color	
Breakpoint 2	1250000
High Range Color	
Maximum	1500000
Data Labels	Show %
	Show Total

- 150. For Data Labels, just below Maximum, check the box for Show % and click OK
- 151. Click on Edit Title, just above your gauge
- 152. Enter "Fundraising Goal Progress (EV)"
- 153. Click **Save** near the upper left corner
- 154. For the dashboard Title enter "Fundraising Progress Gauge"

- 155. Tab to autofill Dashboard Unique Name
- 156. Leave the Save to set to My Personal Dashboards and click Save
- 157. Click Close near the upper left corner and then Close in the popup window

Now you see the what Riley sees when she clicks her **Dashboard** tab to check on how it's going.



Of course, I'm not showing you her real data but like this gauge, hers shows there's a lot of work yet to do to get the capital she needs. But at least she has the data and the tools to slice, dice, visualize & analyze now, so that's gotta help.

Oh, and I reached my fundraising goal of \$200 more income for Spartapps in the Cloud by Max. 100% growth rate. Yay! Just got to keep it up!

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