**Chapter Summary 1**

**What is a Business Analysis page 2**

* Identification of business problems and opportunities
* Elicitation f needs and constraints from stakeholders
* Analysis of Stakeholder needs to define requirements for a solutions
* Assessment and validation of potential and actual solutions
* Management of the “product” or requirements scope

**Business Analysis vs Software Development (page 3)**

**Role of the Business Analyst**

* Translate business needs into software technology and organizational solutions
* Currently BA to Developer ratio is 1:6
* Future BA to Developer ratio is 2:1

**Business Analyst Traits**

* Curiosity
* Big picture
* Detail oriented

Characteristics (page 13)

* Outstanding communicator
* Understand business concepts
* Understand technology
* Detail research
* Manage large amounts of information
* Flexible, curious
* Know the tools and techniques to elicit, analyze and present excellent requirements.

**Business Analyst fit**

* Between the Subject Mater Experts (SME) and the IT Staff
* When SME are familiar with IT there is a small gap to fill
* When SME are unfamiliar with IT there is a large gap to fill

**Where do BA come from**

* Some BA come from the Business and learn the technology (page 8)
* Some BA come from the IT and learn the business (page 9)

**Where do BA Report (page 10)**

* Report through IT groups (understand Technology)
* Report through Business Groups (understand the business)
* Report through a central group (impartial)

**What are the basics skills for a BA (page 14)**

* What is a requirement
* What are the techniques to elicit, analyze and present requirements
* What are Stakeholders and what is my responsibility towards them
* How are business problems solved
* What techniques are available

**Business BA Career Progression**

* Junior BA
* BA
* Lead or Senior BA
* Client Relationship Manager or Business Consultant

**IT BA Career Progression**

* Programmer Analysis
* Systems Analysis, Systems Architect
* Business Systems Analyst
* Business Consultant

**What is a Requirement (page 21)**

* Definition: A requirement is a condition or capability needed by a stakeholder to solve a problem or achieve an objective
* A requirement can be presented as (page 23)
  + A Sentence
  + A structured sentence
  + A text template
  + A Table
  + A Diagram
  + A model (entity diagram)
  + A prototype or simulation
  + A graph
  + Any format that communicates the need
* Core Requirements
  + People (Actors or agents)
  + Information (data)
  + Process (activities)
  + Rules
* Types of Requirement
  + High level (core business functionality)
  + Detailed (complex rules and Data)

**Key Terms for a BA (page 29)**

* Project: a temporary endeavor, fund with a specific objective
* Product: is the result of a project, may be the subject of multiple projects
* Solution: solves a business problem, result of a project, may be a product but can be framed in broader terms. May not be a technical solution
* Deliverable: anything that is given to someone, as it has value to the stakeholder
* System: a sum of connected parts that form a complex whole, a system can be made of multiple software programs and processes
* Software: is actual programming