# Underlying Competencies

## 9.1 - Analytical Thinking and Problem Solving

**Learning**
- Visual
- Auditory
- Kinesthetic

**Creative Thinking**
- Generate
  - new ideas
  - new approaches
  - alternatives
- Associations
  - existing ideas
  - concepts
- Effectiveness Measures

**Problem Solving**
- Confidence of the participants
- Solutions meet objectives
- Evaluated effectively
- Work with facts

**Systems Thinking**
- Communicate impact's changes

**Conceptual Thinking**
- Interdependencies understanding

**Visual Thinking**
- Complex to visual
- Increase productivity
- Engage stakeholders
- Stakeholders understanding

**Decision Making**
- understand
  - criterias
- make decisions
- assisting others
- effectiveness measures
  - appropriate stakeholders
  - stakeholders understand decision making process
  - pros and cons options
  - decision reduces uncertainty
  - best interest for stakeholders
  - stakeholders understand all
  - a decision is made

Analytical Thinking and Problem Solving skills are required for business analysts to analyze problems and opportunities effectively, identify which changes may deliver the most value, and work with stakeholders to understand the impact of those changes.