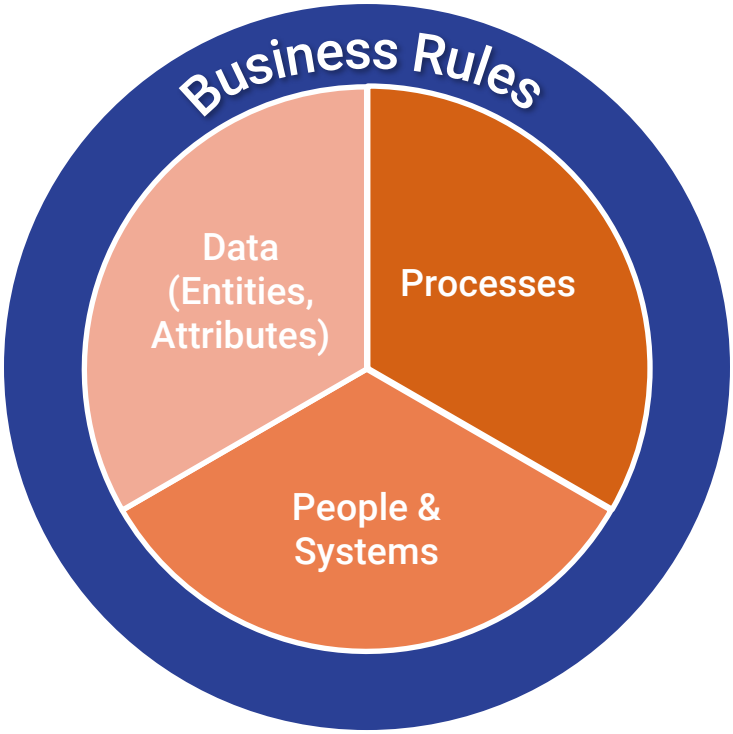
Choosing the Best Analysis Technique



Entity	Defined in metadata template or entity relationship diagram. Included in use case descriptions, prototypes, and flowcharts.
Attribute	Defined in a metadata template or entity relationship diagram. Included in use case descriptions, prototypes, and flowcharts.
People & Systems	Defined in context DFD or use case diagram. Included in use case descriptions, flowcharts and prototypes.
Process	Defined in business process template or decomposition diagram. Included in use case diagrams, use case descriptions, flowcharts, and prototypes.
Business Rule	Defined in structured text, entity relationship diagram, use case descriptions, business process template, flowcharts, decision trees, decision tables, Decision Models, and prototypes.

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	Data	External Agents (or Actors)	Processes	Business Rules
Stakeholder Requirements	• Context Data Flow Diagram • ERD • Business Process Template	• Context Data Flow Diagram • Business Process Template	• Business Process Template • Decomposition Diagram • Flowchart • User Story • Business Use Case Description	• Decision Table • Decision Tree • Decision Model • Structured text • ERD • Business Process Template
Functional Requirements	• ERD • Entity + Attribute Metadata • Prototype • Flowchart • System Use Case Description	• Use Case Diagram • Flowchart (Swimlane, BPMN, UML Activity Diagram) • Prototypes	• User story • Use Case Diagram • System Use Case Description • Prototype • Flowchart	• Decision Table • Decision Tree • Decision Model • Structured text • ERD • System Use Case Description • Flowchart
Technical Requirements	• Prototype • ERD • User Interface Specification	• Interface Diagram • User Interface Specification • User Permissions	• User Interface Specification • Program Specification • System Flow • Design Document	• Decision Table • Decision Tree • Decision Model • ERD

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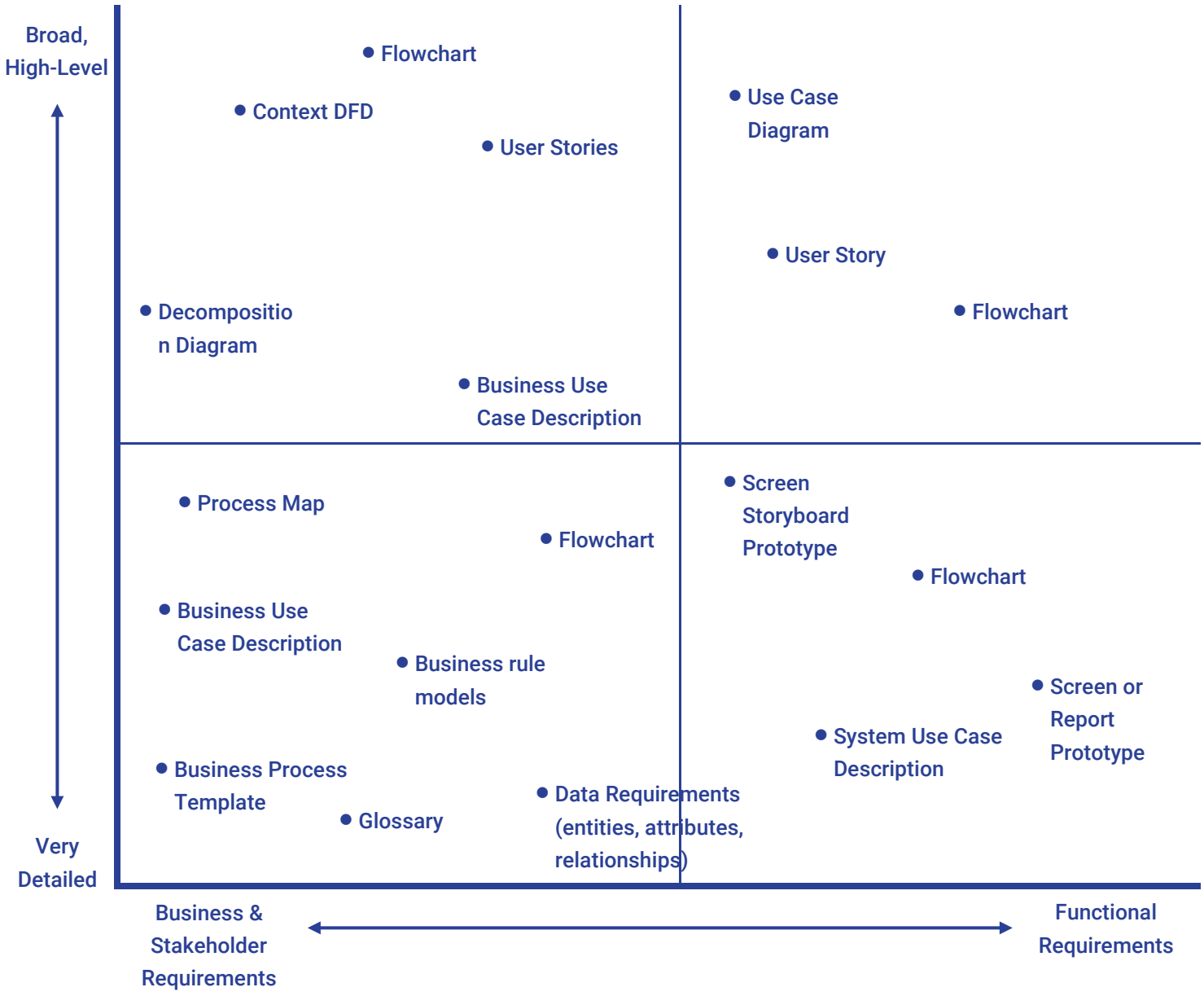

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