What is DMN?

- Decision Model and Notation (DMN) is a standardized framework developed by the Object Management Group (OMG) and is widely adopted across various industries.

- It offers a standardized way to define decision logic visually and systematically, often used in conjunction with BPMN (Business Process Model and Notation).

- In DMN, a decision involves deriving an output based on specific input facts.

- DMN models are also represented in XML format, allowing decision engines to interpret, execute, and automate them effectively.

- DMN serves as a shared language that facilitates communication between business and IT teams, ensuring alignment on consistent business rules and decision-making practices.

- By implementing DMN, organizations can enhance operational efficiency, reduce human error, and guarantee that decision models are easily accessible, comprehensible, and reusable across the organization.

- It enables both technical and non-technical stakeholders to collaborate seamlessly in designing, managing, and refining decision logic.
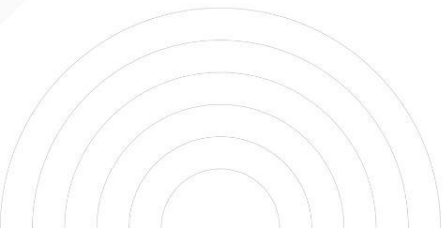
Define the Elements of DMN

The Core Elements of DMN

- **Decision Tables:** These provide a simple and intuitive representation of decisions, consisting of inputs, conditions, and outputs.

- **Friendly Enough Expression Language (FEEL):** FEEL is used to express conditions in decision tables so they can be executed.

- **Decision Requirements Diagrams (DRDs):** DRDs are created when a decision cannot be described in just one simple table, such as when there are dependencies between intermediate decisions whose outputs serve as inputs for the final decision.
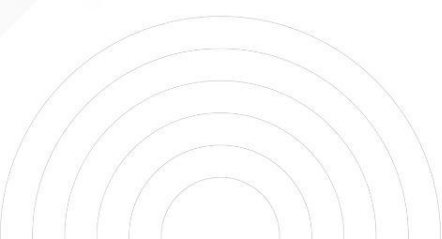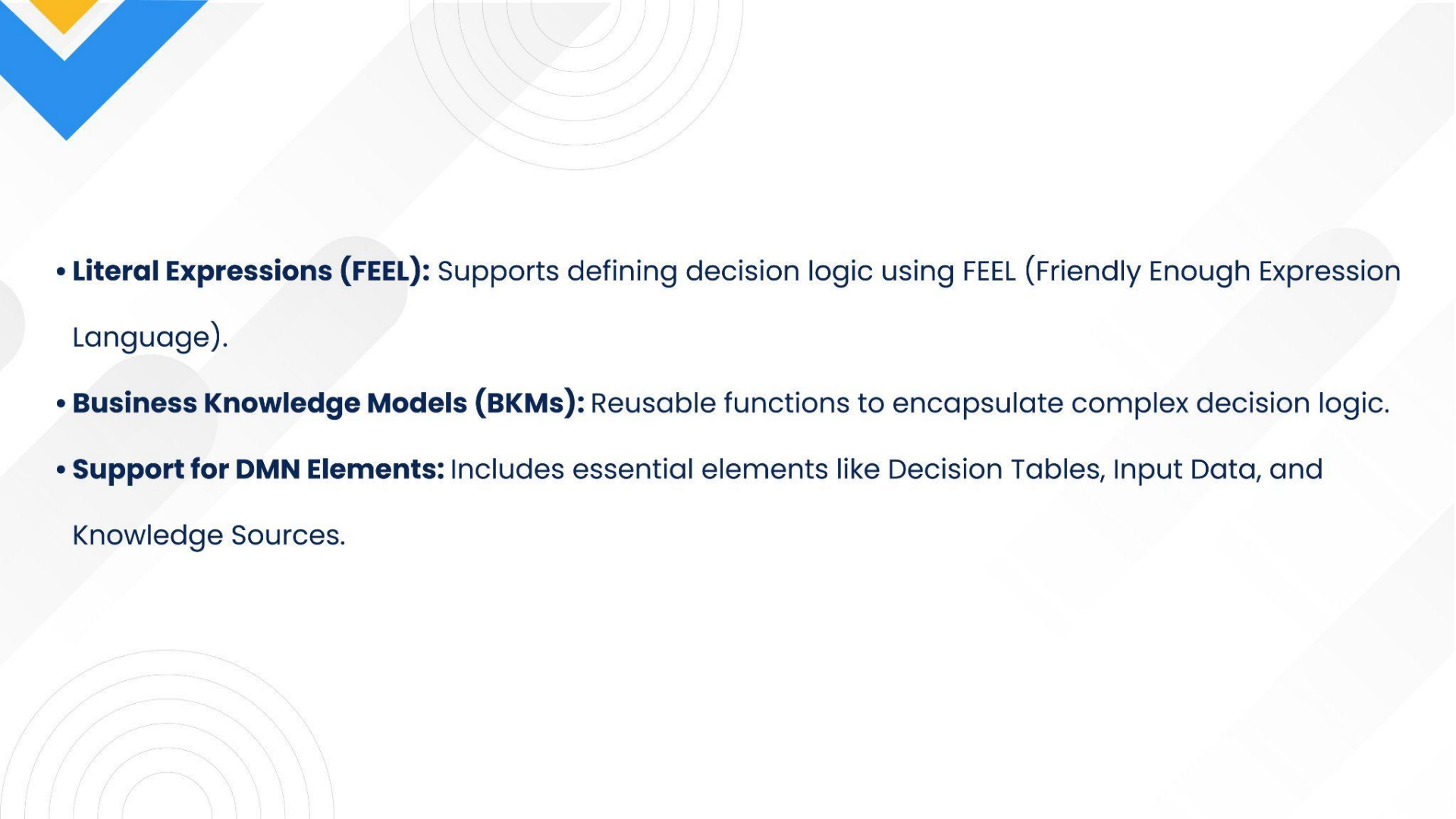
What is a DMN Modeler?

- A DMN Modeler is a specialized tool used to create, edit, and manage DMN decision models.

- It enables users to visually design decision requirements, construct decision tables, and implement business rules seamlessly.

- DMN modelers make it easy for both technical and non-technical users to collaborate, ensuring that decision logic remains transparent, accurate, and aligned with organizational goals.

The **DMN Modeler** is a tool for visually creating and managing Decision Model and Notation (DMN) diagrams. Key features include:

- **Decision Requirements Diagram (DRD):** Allows users to design decision logic and its connections with input data, knowledge sources, and business models.

- **Decision Tables:** Users can define decision logic through tables, adding input, output, and rule elementst.

- **Literal Expressions (FEEL):** Supports defining decision logic using FEEL (Friendly Enough Expression Language).

- **Business Knowledge Models (BKMs):** Reusable functions to encapsulate complex decision logic.

- **Support for DMN Elements:** Includes essential elements like Decision Tables, Input Data, and Knowledge Sources.