



**Fathima Zajel Liyakath**

Your Data Transition Coach



fathima-zajel-liyakath



# CLASSIFIER-AI

## (The Decision-Maker)

**Classifier AI analyzes incoming data and swiftly assigns it to pre-defined categories.**

- **Purpose:** Identify & Categorize
- **How it learns:** From "labeled datasets" (e.g., emails tagged as "spam" or "not spam").
- **Examples:** Email spam filters, fraud detection, medical diagnosis (identifying tumors), content moderation.



# GENERATIVE AI

## (The Creator)

**Generative AI produces novel content or data by internalizing patterns from its training data.**

- **Purpose:** Create New Content
- **How it learns:** Absorbs style and structure to craft something entirely new.
- **Examples:** ChatGPT (human-like text), DALL-E/Stable Diffusion (images from prompts), music composition, code generation, drug discovery.