**Three Types:**

**Artificial Narrow Intelligence:**

Artificial intelligence created for one purpose, limited data for a limited outcome.

Made for a Specific Purpose

**Artificial General Intelligence:**

**Generative AI:**

Generates new content or data based on pre-existing or learned data.

**Machine Learning:**

Takes both Input and Output.

Learns on LIVE data, captures and grows off data.

**Example**

Input: Email Output: Spam Application: Email Spam Detection

Learns from the input and output to mark future emails as spam or legit.

Input: English Output: Chinse Application: Translation

Learns the English input and Chinese output to correlate the language’s meanings between eachother.

**Supervised Learning**

Models are manually observed/trained with labels on what certain parts of data are.

**Deep Learning**

**Bad Data/Data Poisoning:**

Bad data is planted into a system which “poisons” the model.

-One small piece of data can be severe

-Can be misleading or harmful

**Bad Use of Data:**

Moral or Corrupt uses of data, such as leaking private information, using it to find something personal, etc.

**GPT:** Generative Pre-Trained Transformer

-Takes prompt and entire context, and returns answer, does not learn directly from your inputs.

**Factory Machines**

**Manual Automatic AI Generative AI**

Ticket, Service Scheduled Cycles Learning Generates New Tasks

Reactive Maintenance Proactive Maintenance Predictive Maintenance Predictive Maintenance

Human Resources Batch Processing Updates User Info Data Improves Efficiency

Possible Accidents Human Resources 20% Accidents Efficient Maintenance

60% Accidents Poisoned Data

**LMM (Multi-Morality Large Language Model):**

Deals with multiple moralities

Limits amount of elements because expensive

**Hugging Face**

AI Model Community