✍ Google Course

Introduction:

This is course officially powered by g Google to understand the AI in the realworld.

1) AI Success Stories:

UKG ⟶ AI ⟶ Automate HR and
workforce mangment

Jiva ⟶ AI ⟶ Hep Update Crop diseases, help
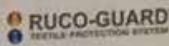farmers in agritultual stp and
help to improve busniesses.

2) The Exciting world of AI:

As AI is revolutionize the
industry, people also think about the negitive section
so instead of that let's learn and understand
AI and its features.
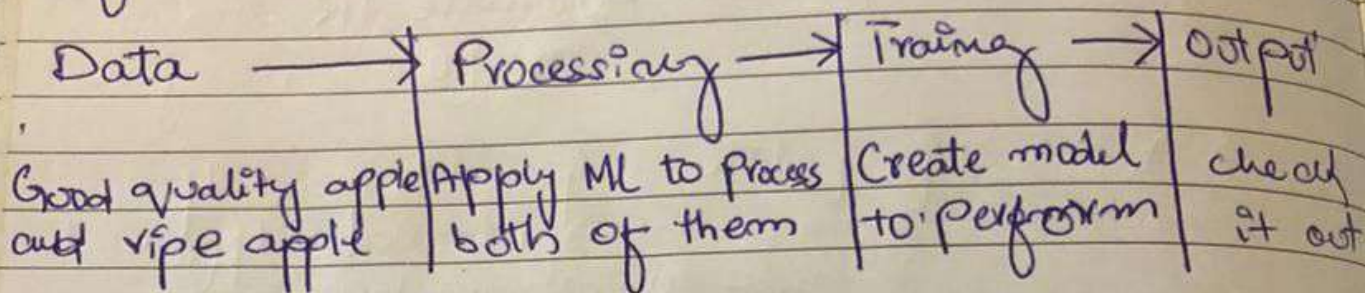
3) How AI uses Machine Learning:

Youtube ⟶ Recommendation ⟶ AI ⟶ Machin
System learni

Machine learning is subset of AI focused on develop Computer System that analyze data to perform task. The

The ML work under Training set which is collection of data to use AI.

Data ⟶ Processing ⟶ Training ⟶ Output

Data	Processing	Training	Output
Good quality apple and ripe apple	Apply ML to Process both of them	Create model to perform	check it out

4) Foundation of Generative AI :
- AI that can generate new content such as text, video image. etc.

* How generative AI tool works with Natural language

Input ⟶ Process ⟶ Output.

* Conversational AI tool that processes text requests and generats text responses.

AI refers two main techniques used to design AI programs:
1) Rule-Based Techniques 2) ML Techniques

*3 Common approuches to train ML programs:
1) Super vised   2) Unsupervised   3) Reinforcement

5) <u>Capabilities</u> & <u>limitations of AI</u>:

* Generate Content
* Analyze information
* Answer Query
* Simplify task.

6) <u>AI for Change</u>:

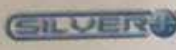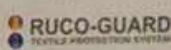" We want people to have a conscious sense
of both the power and peril of <u>AI</u>".
                                        Vint, Google

* <u>AI Augmentation</u>:
                The process of using AI to improve
work product whether make easier to do high
quality.

Module #02 : Generative AI

1) GenAI Application :

Speeko → AI Powered Voice Assistant

Nural Filters → Edit image, background, face expression

"An AI tool must be powered by an AI model. it's act like an engine of AI tool.

★ Conversational Tools :
1) Anthropic   2) Gemini   3) Microft Copilot
                    4) Chat GPP