A screenshot of a computer

Description automatically generated

AI is disciple like physics, is a branch of computer science that deals with creation of intelligence agency which is systems that can reason, learn and act autonomously.

Essentially AI has to do with the theory and mathematics to build machines that can think and act like human:

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Description automatically generated

A diagram of a machine learning process

Description automatically generated

ML: is a subfield of AI it is a program or system that trains the model from input data. The trained model can make useful predictions from a new or never-before-seen data drawn from one used to train the model.

ML gives the computer the ability to learn without explicit programming.

**ML classes:**

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**Supervised models:** they have labeled data (data that comes with tags like name, type or number)

Unsupervised models: unlabeled data.

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Generative AI: is type of AI technology that produces varies type of content including text, imaginary, audio, and synthetic data.

Generative AI is subset of Deep learning.

A diagram of a bar graph

Description automatically generated with medium confidence

Explain how it works:

Describe Generative AI Model Types:

Describe Generative AI Applications:

A diagram of a building

Description automatically generated

A screenshot of a computer

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