

g) Explain a piece of code that you wrote which you are proud of? If you have not written any code, please write your favorite subject in engineering studies. We can go deep into that subject.

Favorite subject in Engineering studies was **Machine Learning** because it enables us to teach computers how to learn and make predictions without directly programming them.

- Automation algorithms can be used to automate the difficult tasks
- Using ML enormous volume of data can be analyzed
- Using previous data, machine learning enables us to create models that can forecast future events. . This has uses in a number of industries, including banking, healthcare, forecasting the weather, and etc.
- Based on unique tastes and behaviors, machine learning algorithms may customize experiences. For instance, internet platforms may employ recommendation algorithms to make suggestions for goods, shows, or music based on your past preferences.
- It enables us to create systems for activities like image recognition, natural language processing, and speech recognition. It can handle unstructured data such as photos, text, and audio.