1. How does the Decision Tree work?

Explain Entropy, Information Gain, Gini Index

1. How does the DT work for Numerical values?

Explain it uses Information Gain by considering each and every record fand finds the best Information Gain.

1. How does the Decision What is the IMpact of Outliers in DT?

How do you remove the impact of outliers in DT?

1. DT always has Low Bias and High variance i,e

Underfitting & Overfitting

How do you overcome this problem?

We can solve this issue using Hyperparameter tuning technique like

Decision Tree Pruning means up to some level we can set the max\_depth

1. What are the libraries used in DT? Which are visualization libraries used in DT?
2. Imp: How do DT classification work and DT regression Work?

In classification: Entropy, Gini will be used

In Regression: Mean Squared Error used