DSC 90

Winter 2020

Interview Questions
ML Interview

Can you enumerate the various differences between Supervised and Unsupervised Learning?

What's a confusion matrix? What might you use it for?

What's your favorite machine learning algorithm?
Alright, can you explain it to me?

How would you do feature selection if you had 1,000 covariates and had to reduce it to twenty?

Please explain the goal of A/B Testing.

What are some common challenges or mistakes?

How can you make sure you are not overfitting?

How does the k-means algorithm work? How do you select the best k for k-means?

We have a model with 92% accuracy.

Is it good enough? Why?

Describe and give me example of why do you think either way?

How would you explain a linear regression to a business executive?

What are some alternative models to a linear regression? Why are they better or worse?