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STAT 386

Topic Submission

Initial topics:

1. Introduction to Machine Learning for Students: discuss some popular ML algorithms and give simple examples
2. Data Visualization with Tableau: share my experience using Tableau for work and show off some of my favorite features
3. Data Cleaning and Preprocessing Techniques: how to investigate data that doesn't perform right and determine/implement the right fixes
4. Exploratory Data Analysis (EDA) with Pandas: how to perform basic exploratory data analysis tasks like data summarization and visualization

Feedback:

Most people seemed to like #2 for two main reasons: it’s something they’ve seen listed ion job applications before but have never learned and it’s something I feel I have skill in since I do it for work.

Final Topic Choice:

I’m going to do a Tableau tutorial, but since we are limited to 550-1100 words, I’m going to focus on counts and proportions. I will not be using a pie chart, don’t worry.