

CSE 578 Unit 5 Project Progress Report

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Project Name:

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Project goal:

Build a machine learning model that is able to predict whether or not a person makes more than \$50k a year. From the model, figure out what attributes are critical to determining a person's salary; use these attributes to create a visualization that clearly explains the relationship between these attributes and a person's yearly salary.

Plan:

First, we'll need to analyze and clean the data given to us so that its ready to be put into a machine learning model. Then, we'll need pick a model that works best for this problem and train it. Then, we'll need to analyze what factors were important in its predictions and build a visualization that describes them.

Work distribution:

Deadlines:

Analyze and clean data: 3/21

Build machine learning model: 3/28

Analyze machine learning model: 4/3

Finish visualization describing relationships in model: 4/10