Anirudha Joshi – SEC01 (NUID 002991365)

Big Data System Engineering with Scala Spring 2023 Spark Assignment No. 2 (Titanic Prediction)



GitHub - https://github.com/anirudhajoshi2808/Anirudha_Joshi_CSYE7200

- Questions:

Url: https://www.kaggle.com/competitions/titanic/dataLinks to an external site.

For this assignment you will use the training and testing datasets.(train.csv & test.csv)

You are to load the dataset using Spark and perform the operations below:

Exploratory Data Analysis- Follow up on the previous spark assignment 1 and explain a few statistics. (20 pts)

Feature Engineering - Create new attributes that may be derived from the existing attributes. This may include removing certain columns in the dataset. (30 pts)

Prediction - Use the train.csv to train a Machine Learning model of your choice & test it on the test.csv. You are required to predict if the records in test.csv survived or not. Note(1 = Survived, 0 = Dead) (50 pts)

Please note: Do not include the test.csv while training the model. Also do not use the 'Survived' column during training. Doing these would defeat the purpose of the entire model.

- Code













