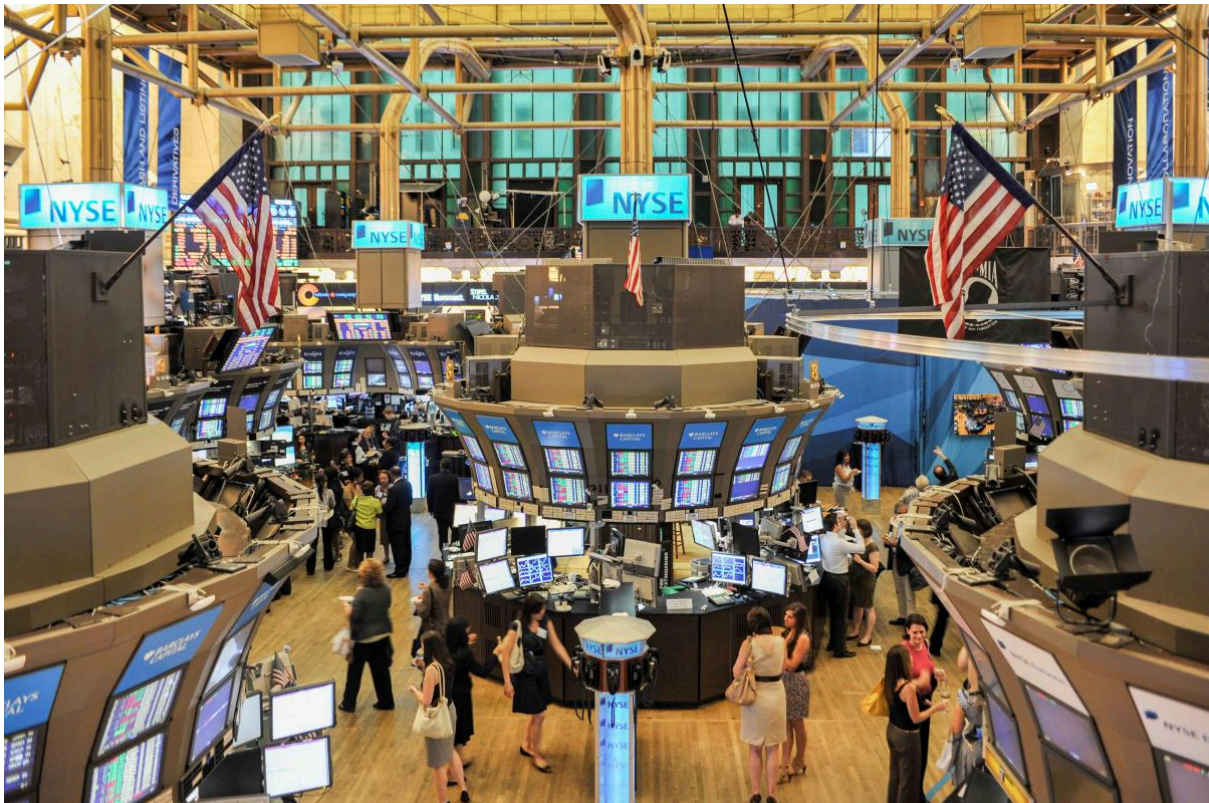


Set → 1

Question 1 [10 points]:

Generate an image using any AI tool of your choice that could match the following image:



Question 2 [30 points]:

Solve the following problem:

Problem: Predict house sale prices.

Dataset: House Prices - Advanced Regression Techniques

<https://www.kaggle.com/competitions/house-prices-advanced-regression-techniques>

Submission Requirements:

- GitHub repo submission [5 points]
- README [5 points]
- Output [5 points]
- Dataset Analysis [15 points]

Question 3 [10 points]:

This is an open ended question/task to evaluate your creativity. The goal here is to let the panel know how creative you are. Your submission can compose anything, it can be an art or an idea for your future start-up or a fiction story or a dessert that you recently prepared. **Do make sure your creativity can impress the panel with-in seconds of seeing it**(it's okay if that spills to a couple of minutes). In case the submission is abstract please attach a write-up about it.

Set → 2

Question 1 [10 points]:

Generate an image using any AI tool of your choice that could match the following image:



Question 2 [30 points]:

Solve the following problem:

Problem: Predict survival

Dataset: Titanic: Machine Learning from Disaster

<https://www.kaggle.com/c/titanic/overview>

Submission Requirements:

- GitHub repo submission [5 points]
- README [5 points]
- Output [5 points]
- Dataset Analysis [15 points]

Question 3 [10 points]:

This is an open ended question/task to evaluate your creativity. The goal here is to let the panel know how creative you are. Your submission can compose anything, it can be an art or an idea for your future start-up or a fiction story or a dessert that you recently prepared. **Do make sure your creativity can impress the panel with-in seconds of seeing it**(it's okay if that spills to a couple of minutes). In case the submission is abstract please attach a write-up about it.

Set → 3

Question 1 [10 points]:

Generate an image using any AI tool of your choice that could match the following image:



Question 2 [30 points]:

Solve the following problem:

Problem: Predict the fare of a taxi ride based on the pickup and drop-off locations, time, and distance.

Dataset: New York City Taxi Fare Prediction

<https://www.kaggle.com/c/new-york-city-taxi-fare-prediction/overview>

Submission Requirements:

- GitHub repo submission [5 points]
- README [5 points]
- Output [5 points]
- Dataset Analysis [15 points]

Question 3 [10 points]:

This is an open ended question/task to evaluate your creativity. The goal here is to let the panel know how creative you are. Your submission can compose anything, it can be an art or an idea for your future start-up or a fiction story or a dessert that you recently prepared. **Do make sure your creativity can impress the panel with-in seconds of seeing it**(it's okay if that spills to a couple of minutes). In case the submission is abstract please attach a write-up about it.