Proposal List

1. Anomaly detection: Given the recent buzz about the free throw disparity in NBA games this year, can we determine if the per game average disparity is statistically significant? Or is this disparity only for certain teams?
2. Forecasting: Can we track the historical price of a specific commodity and use to predict arbitrage opportunities?
3. Given a dataset of railroad safety information, can we determine if people in poor regions are more likely to be hit by trains?
   1. Can we determine factors the make people more likely contribute to be hit by trains?
   2. What’s your likelihood to be hit by trains?

1 and 2 is like is something you can mimic.

Don’t go for two because you’re already doing time series anlysis.

3 is a binary a classification problem.

Give him a sample of the data of 1 and 3.

Form multiple questions for the 3. You shouldn’t limit your question in you’re the proposal stage. You shouldn’t limit your question in the beginning.