BI Lead Exercise

([job description here](#))

Instructions

For this exercise, please use the linked datasets to benchmark Zoox's performance compared to other companies developing autonomous vehicles, and develop a dashboard along with key insights that describes the operations of these companies. You are free to choose any dashboarding tool or programming language (such as Tableau, Power BI, Shiny, or Plotly).

We ask that you spend no more than 4-5 hours on this exercise. Once you submit the exercise, please be prepared to present your findings to business stakeholders at Zoox.

Background

California's Department of Motor Vehicles collects information from autonomous vehicle manufacturers on a regular basis for regulatory purposes, some of which is made available to the public. In this dataset, each company licensed to test autonomous vehicles has provided details about the mileage driven (with and without a safety driver) as well as any reports of disengagements (where a safety driver took manual control of the vehicle).

Some questions you may wish to consider:
- What metrics best illustrate the performance of each company?
- How has testing changed over time?
- How can you distill insights from unstructured text data?
- What gaps or weaknesses can you identify in the data set? What additional information might you like to have?

Link to Data:
https://drive.google.com/drive/u/1/folders/1LI_tpIT2H8NTiMjWAW2NCuWnFquea19C