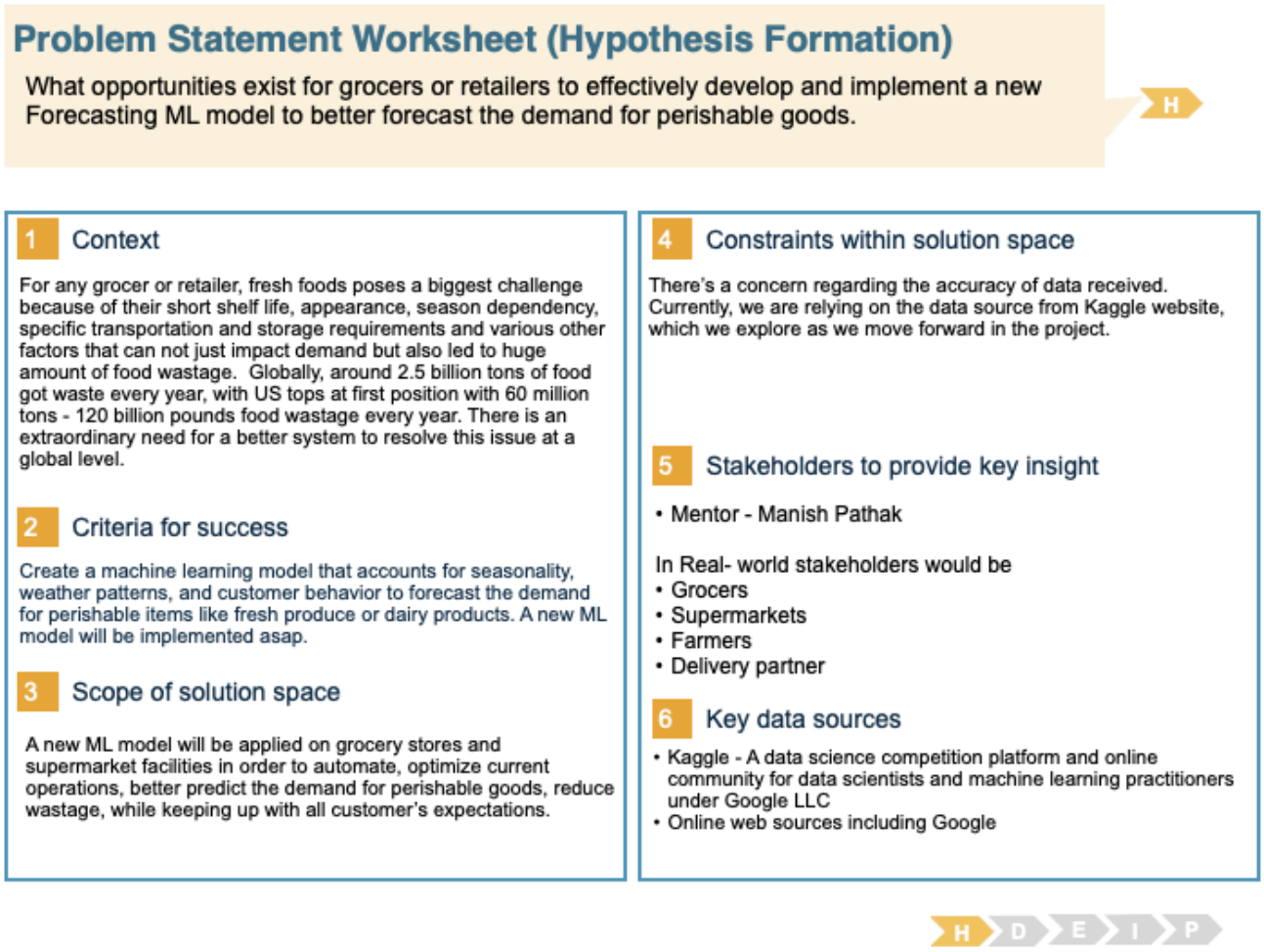
Capstone Two: Forecasting Perishable Goods Demand Proposal



Context: Dataset includes a weekly historical data from 76 different stores of one of the largest retail chains in the world. The data collection ranges from the past three years. Sales and promotional information is also available for each week - product and store wise. The idea is to merge all files together using common keys to extract meaningful insight and create a ML model to better forecast the demand.

There are three CSV files:

File1: Contains columns such as record_ID and units_sold.

File2: Contains columns for week 16/07/13, such as record_ID, week, store_id, sku_id, total_price, base_price, is_featured_sku, is_display_sku.

File3: Contains columns for week 17/01/11, such as record_ID, week, store_id, sku_id, total_price, base_price, is_featured_sku, is_display_sku, units_sold.

Another data source I would like to explore is from the web source, **Food and Agriculture Organization of United nations** while keeping the focus on perishable commodities including fruits, dairy, vegetables etc.

https://www.fao.org/platform-food-loss-waste/flw-data/en/

Deliverables - A GitHub repo containing the work you complete for each step of the project, including:

- A slide deck
- A project report