

Guided Capstone Ideas

Predicting Walmart Sales

- Business Problem: How much should we stock up on our products during our holiday promotional sales?
- Relevant Stakeholders: Walmart Corporate
- Available Datasets: Kaggle
- Data Science Approach: Supervised regression
- How The Client Use The Results: Stock products accordingly for the upcoming Christmas sale

Setting Optimal AirBnB Prices

- Business Problem: How much should we charge for our AirBnB houses in Seattle, such that it's not too high or too low?
- Relevant Stakeholders: AirBnB hosts
- Available Datasets: Inside AirBnB
- Data Science Approach:
- How The Client Use The Results: Set their prices such that revenue is maximized

Determining Amazon's Choice Fashion Items

- Business Problem: Determine recently trending fashion items in order to highlight them as “Amazon's Choice” or prioritize them on search result pages
- Relevant Stakeholders: Amazon
- Available Datasets: Amazon Fashion Products Dataset (22,000 items)
- Data Science Approach:
- How The Client Use The Results: Identify products that are on an upward trend in terms of sales