



Data Science Project Outline

Scenario: [Online Retailer](#)

What is the business problem that needs solving?

Cut down on wasteful spending

How can data science solve this problem?

Predict costs/expenditure to know estimates for decision making

How can a design thinking approach benefit the project?

- a. Emphasize - Understand the business struggles and find out how to solve them
- b. Define – Identify potential solutions

What key stakeholders should the project include?

Customer, Project Manager, Team Members

What privacy and security challenges might arise?

Customer data that can be leaked online or sold.

Database security to prevent hackers.

What data science outcome(s) (regression, classification, clustering) could be achieved?

Outcome will be regression, for example predict stock inventory sold each day / each month.