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. Emphatize - 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.