

1 Final goal

Improve customer experience by analyzing product reviews of e-commerce website (based on people sentiments). we identify trends and customer feedbacks and then we can improve customer service and online shopping experience.

2 Skills

- 1 Python
- 2 SQL
- 3 NLP

3 Key learnings

- 1 Learn how to manage data.
- 2 Learn how to clean and pre-process data.
- 3 Learn how to get valuable insights from the data.
- 4 Learn how to show the insights using charts and plots for better understanding.

4 Major constraints

- 1 Research on applications of NLP on E-Commerce
- 2 Handle the dataset with null values and missing values
- 3 Exploratory Data Analysis (EDA) on customer reviews data
- 4 Build a dashboard to visualize the insights

5 Schedule

T _T	Date	Stage	<input checked="" type="checkbox"/>
1/8/24 - 2/8/24		Start of the Technical Menternship and Complete the workplan and submitted	<input checked="" type="checkbox"/>
3/8/24		Component 2	<input type="checkbox"/>
5/8/24		Component 3	<input type="checkbox"/>
9/8/24		Component 4	<input type="checkbox"/>
13/8/24		Component 5	<input type="checkbox"/>
14/8/24		Completed the Menternship and receive the feedback over email	<input type="checkbox"/>
15/8/24		Submit the Final Draft	<input type="checkbox"/>