DEP Internship Task 3

August 21, 2024

1 Data Analysis and Visualization

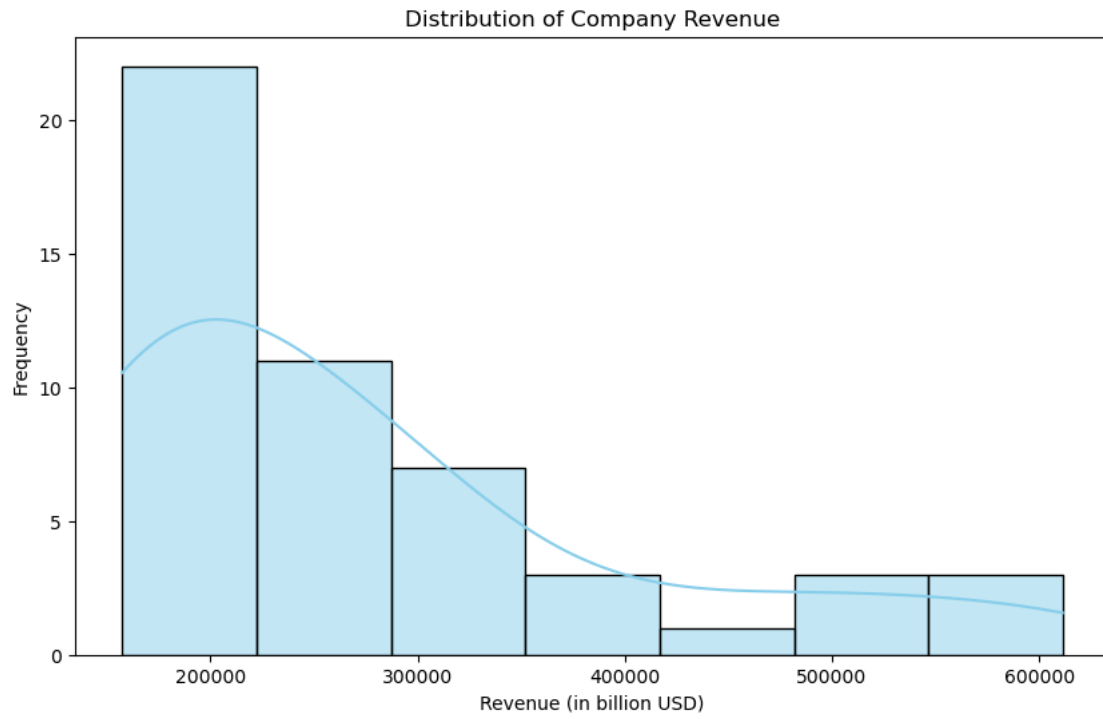### 1.1 Importing necessary libraries

```python
[60]: import pandas as pd
      import seaborn as sns
      import matplotlib.pyplot as plt
      import plotly.express as px
```

1.2 Load the Excel file

```python
[141]: file_path = r'D:\DEP Internship\DEP internship Task 3\world_top_companies.csv'
       data = pd.read_csv(file_path)
```

1.3 Visualization 1: Distribution of Company Revenue

```python
[134]: plt.figure(figsize=(10, 6))
       sns.histplot(data['Revenue'], kde=True, color='skyblue')
       plt.title("Distribution of Company Revenue")
       plt.xlabel("Revenue (in billion USD)")
       plt.ylabel("Frequency")
       plt.show()
```

Distribution of Company Revenue

1.4 Visualization 2: Top 10 Companies by Revenue

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