

Sandhiya Panchavaranam - Quiz 1

```
In [4]: ▶ import pandas as pd
import matplotlib.pyplot as plt

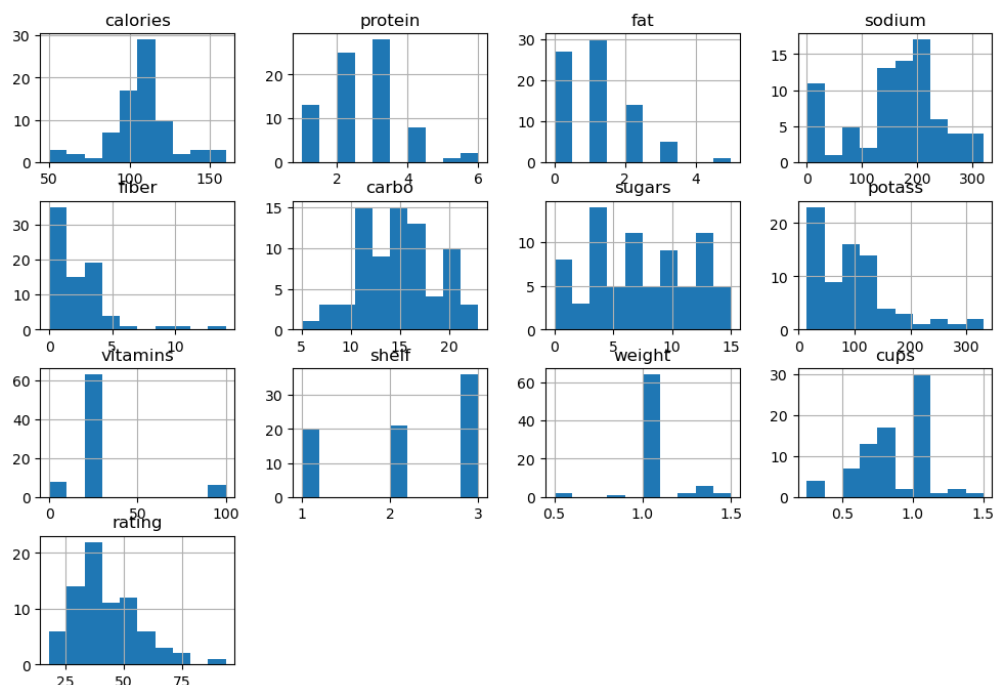
# Load your dataset (replace 'your_dataset.csv' with yo
data = pd.read_csv('Data_Quiz01.csv')

# Calculate summary statistics
summary_stats = data.describe()

# Create histograms for all variables
data.hist(figsize=(12, 8))
plt.suptitle("Histograms of Variables")
plt.show()

# Find variables with the largest standard deviations (
largest_variability_variables = summary_stats.loc['std'
print(f"The variable with the largest standard devatio
```

Histograms of Variables



The variable with the largest standard deviation (variability) is: sodium

In []: ▶