**# Easy Level:**

# 1. What are the summary statistics (mean, median, standard deviation) for Weekly\_Sales, Temperature, Fuel\_Price, CPI, and Unemployment?

# 2. How does the distribution of Weekly\_Sales vary across different weeks?

# 3. What is the trend of Weekly\_Sales over time?

**# Intermediate Level:**

# 1. Is there a correlation between Weekly\_Sales and other variables such as Temperature, Fuel\_Price, CPI, and Unemployment?

# 2. How do Weekly\_Sales vary on holidays compared to non-holidays?

# 3. What is the average Weekly\_Sales for each store?

# 4. Is there a seasonal pattern in Weekly\_Sales based on the temperature or time of the year?

**# Advanced Level:**

# 1. How does the impact of Temperature on Weekly\_Sales differ by store?

# 2. Can we predict Weekly\_Sales using variables such as Temperature, Fuel\_Price, CPI, and Unemployment? If so, which variable is the most significant predictor?

# 3. Is there any evidence of autocorrelation in Weekly\_Sales over time, and how might this affect future sales forecasting?

# 4. How does the variability of Weekly\_Sales change with different levels of CPI and Unemployment?

# 5. What are the time series forecasting models (e.g., ARIMA, Exponential Smoothing) that best predict Weekly\_Sales given historical data?