

Advanced Data Visualization

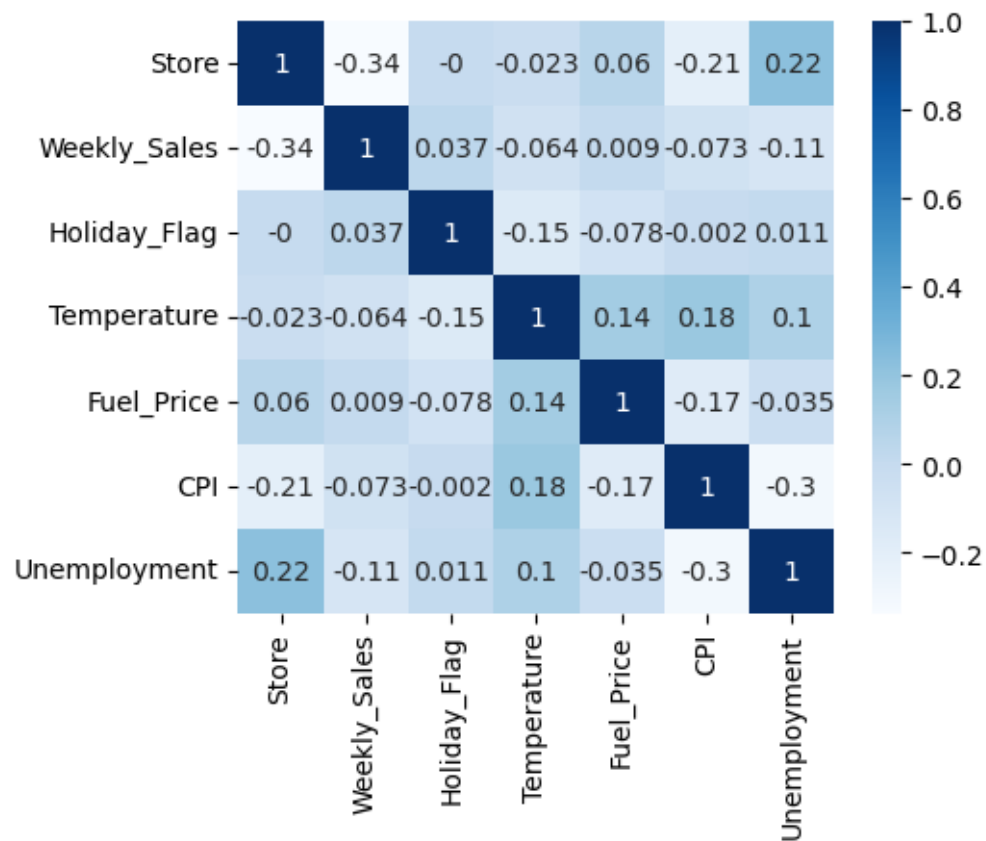
Name : Rishit Trivedi

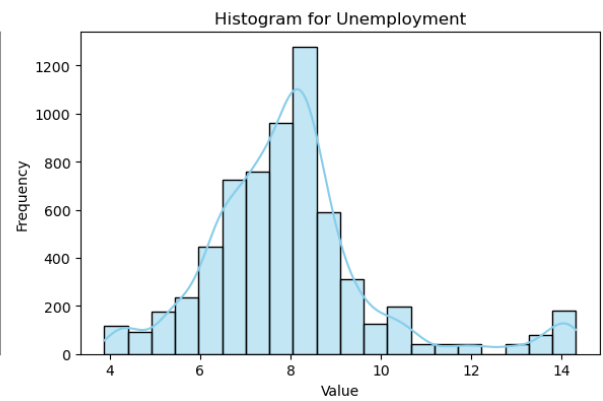
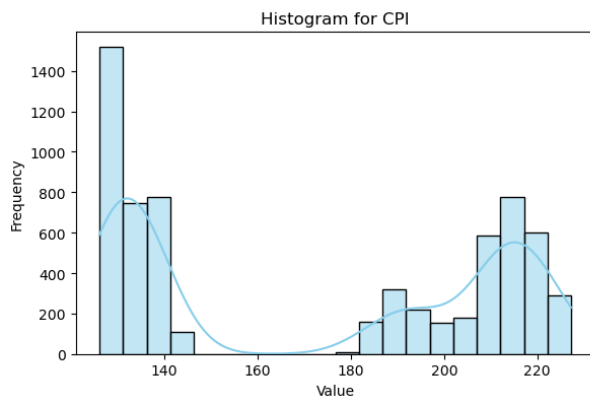
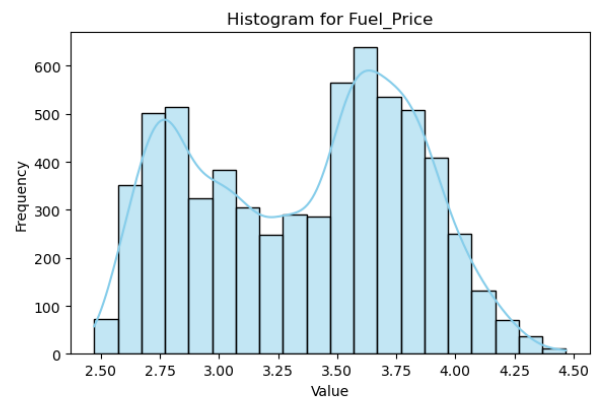
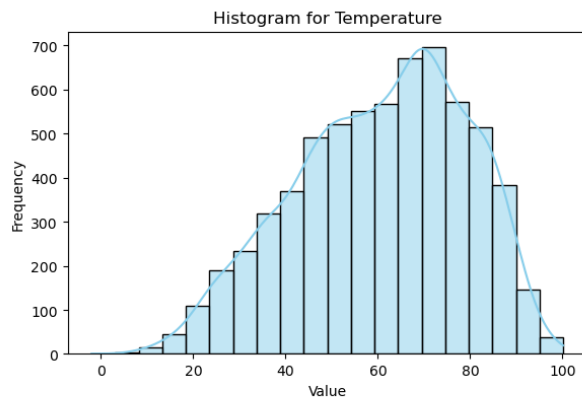
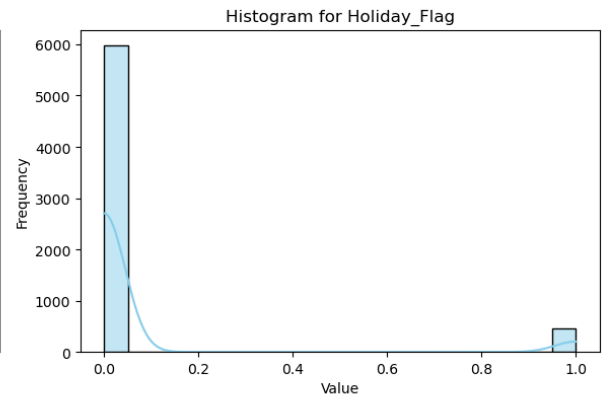
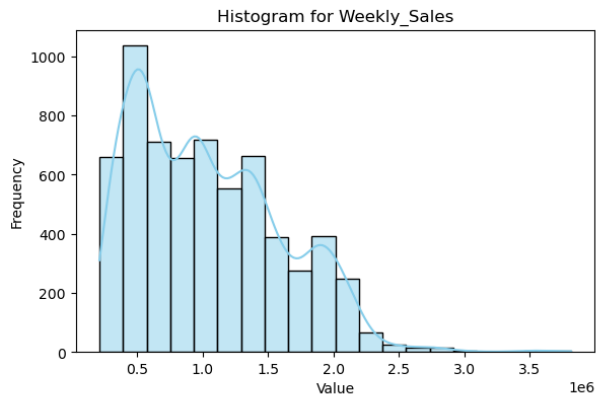
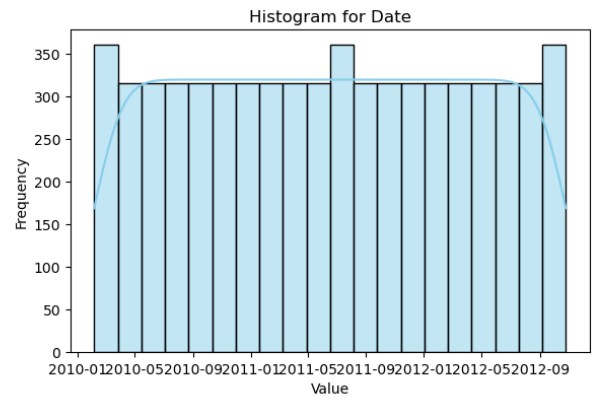
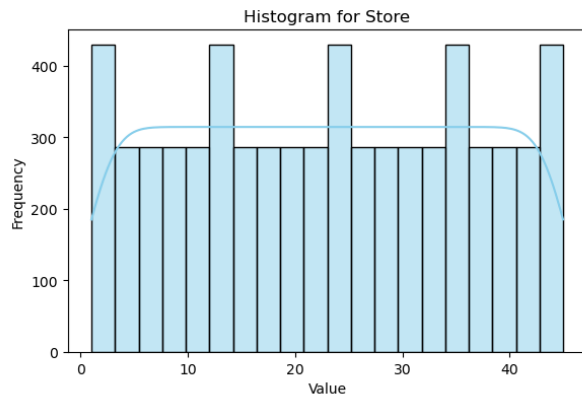
Class: CSE(AI/ML)

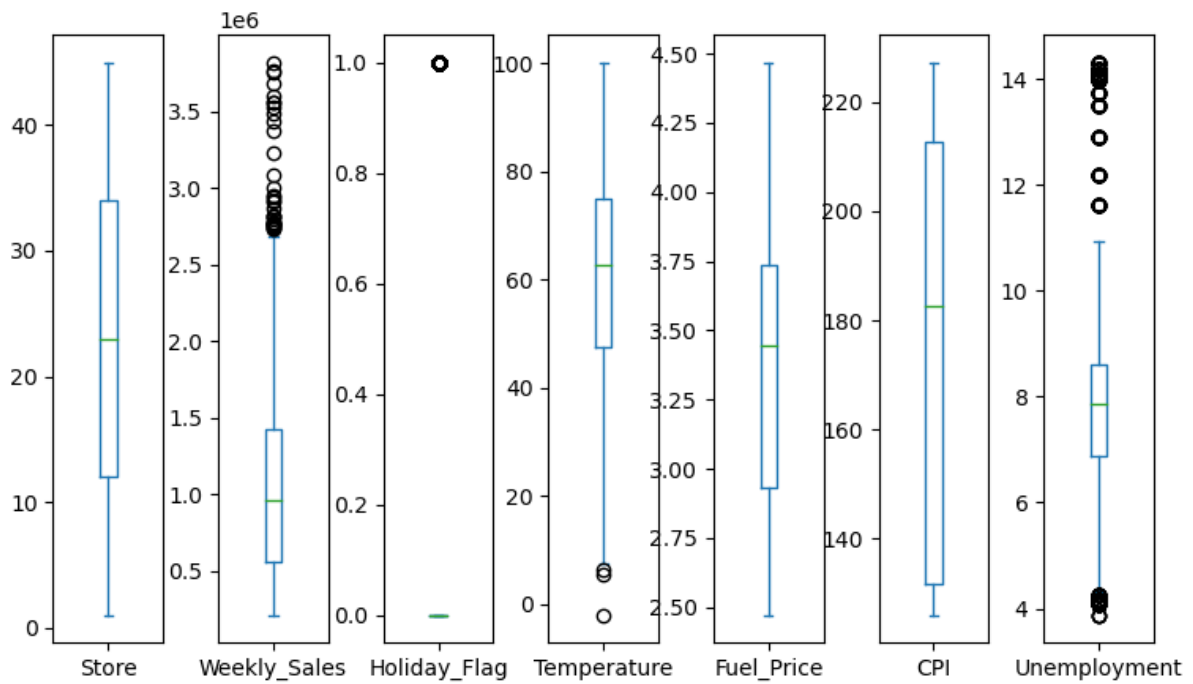
UID: 2021600068

Experiment 1

df.head(5)								
	Store	Date	Weekly_Sales	Holiday_Flag	Temperature	Fuel_Price	CPI	Unemployment
0	1	05-02-2010	1643690.90	0	42.31	2.572	211.096358	8.106
1	1	12-02-2010	1641957.44	1	38.51	2.548	211.242170	8.106
2	1	19-02-2010	1611968.17	0	39.93	2.514	211.289143	8.106
3	1	26-02-2010	1409727.59	0	46.63	2.561	211.319643	8.106
4	1	05-03-2010	1554806.68	0	46.50	2.625	211.350143	8.106

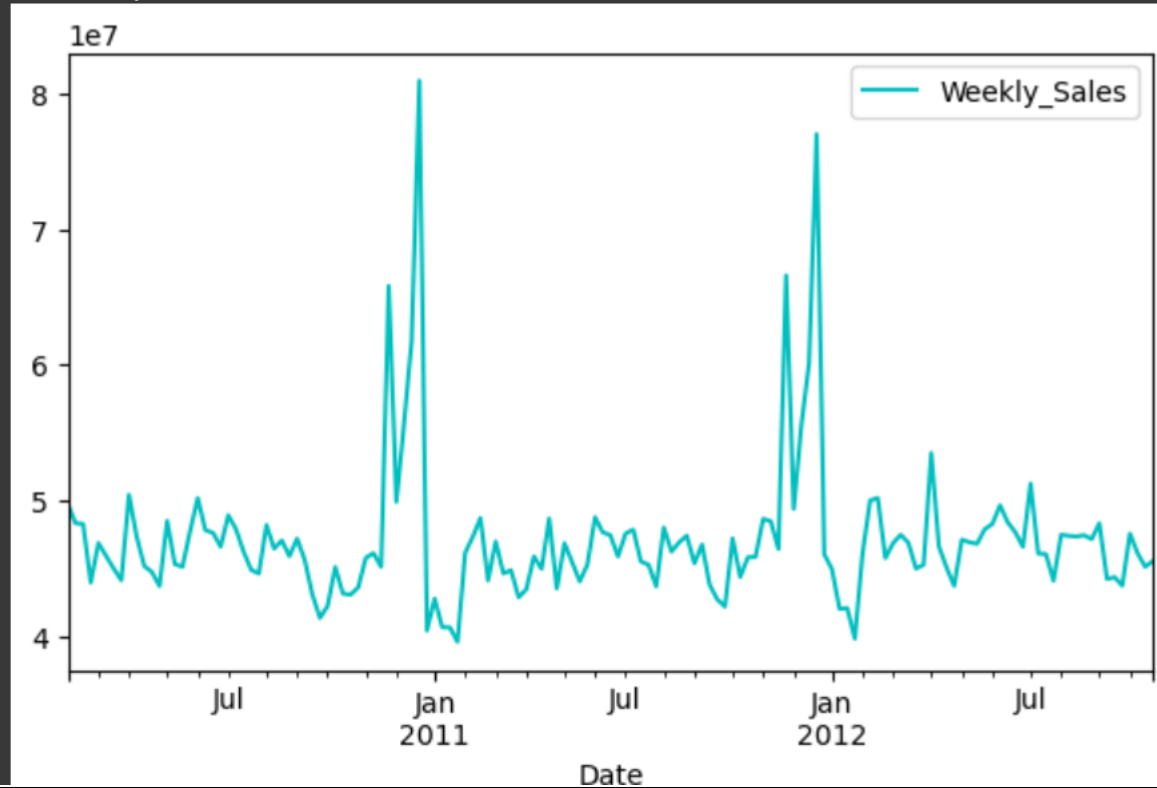






```
df.groupby('Date')[['Weekly_Sales']].sum().plot(color= 'c', figsize= (7,4))
```

<AxesSubplot:xlabel='Date'>



```
df.groupby('Date')[['Unemployment']].sum().plot(c='g',figsize=(7,4))
```

<AxesSubplot: xlabel='Date'>

