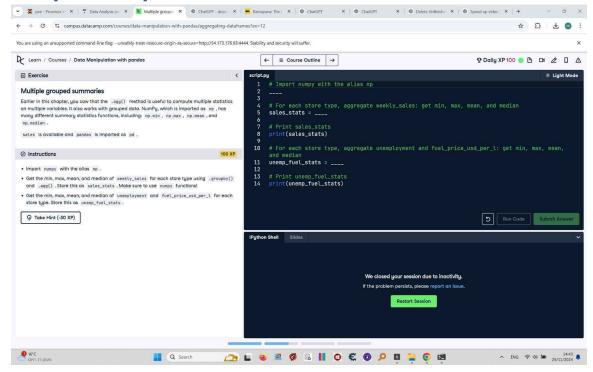
## **Multiple Grouped Summaries**



Earlier in this chapter, you saw that the .agg() method is useful to compute multiple statistics on multiple variables. It also works with grouped data. NumPy, which is imported as np, has many different summary statistics functions, including: np.min, np.max, np.mean, and np.median.

sales is available and pandas is imported as pd.

## Final Answer

- # Import numpy with the alias np import numpy as np
- # For each store type, aggregate weekly\_sales: get min, max, mean, and median
- sales\_stats = sales.groupby("type")["weekly\_sales"].agg([np.min, np.max, np.mean, np.median])
- # Print sales\_stats
  print(sales\_stats)
- # For each store type, aggregate unemployment and fuel\_price\_usd\_per\_l: get min, max, mean, and median

```
unemp_fuel_stats = sales.groupby("type")[["unemployment",
    "fuel_price_usd_per_l"]].agg([np.min, np.max, np.mean, np.median])
```

# Print unemp\_fuel\_stats
print(unemp\_fuel\_stats)