Code:

import pandas as pd

df = pd.read\_csv('employee\_department\_hours.csv')

summary = df.groupby('department').agg(

total\_hours=('hours', 'sum'),

average\_hours=('hours', 'mean'),

employee\_count=('employee', 'count')

).reset\_index()

pivot = summary.set\_index('department')

max\_avg = summary.loc[summary['average\_hours'].idxmax()]

print("Available Columns:", list(df.columns))

print("\n◇ Summary Report:")

print(summary)

print("\n" + "="\*50)

print("\n Pivot Table Summary:\n")

print(pivot)

print("\n" + "="\*50)

print(f"\n Department with Highest Average Working Hours: {max\_avg['department']} ({max\_avg['average\_hours']:.2f} hours)")  
  
Output:  
