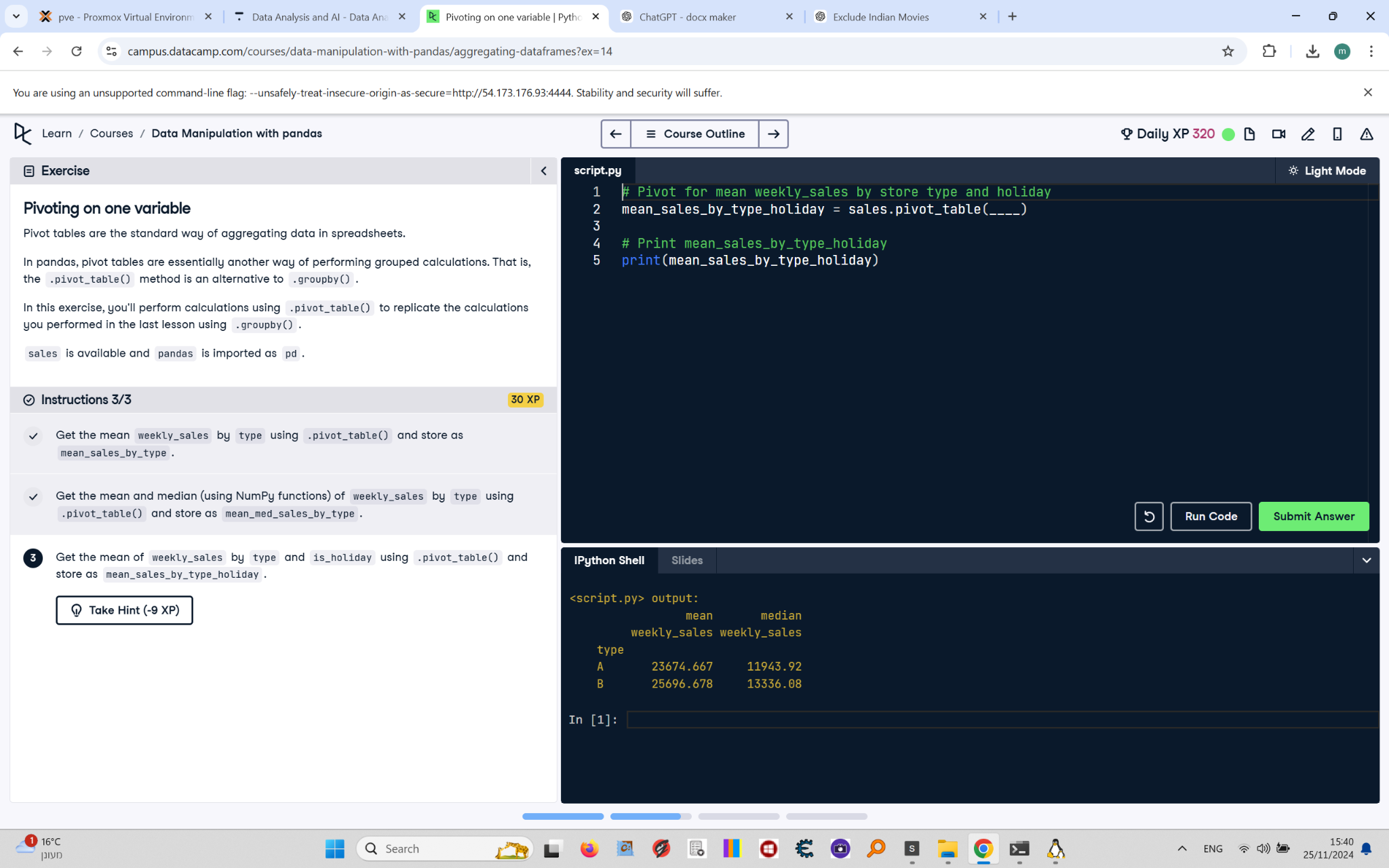
# Pivoting on One Variable - Instruction 3



Pivot tables are the standard way of aggregating data in spreadsheets.  
  
In pandas, pivot tables are essentially another way of performing grouped calculations. That is, the pivot\_table() method is an alternative to .groupby().  
  
In this exercise, you'll perform calculations using .pivot\_table() to replicate the calculations you performed in the last lesson using .groupby().  
  
sales is available and pandas is imported as pd.

## Final Answer - Instruction 3

# Pivot for mean weekly\_sales by store type and holiday  
mean\_sales\_by\_type\_holiday = sales.pivot\_table(values="weekly\_sales", index="type", columns="is\_holiday")  
  
# Print mean\_sales\_by\_type\_holiday  
print(mean\_sales\_by\_type\_holiday)