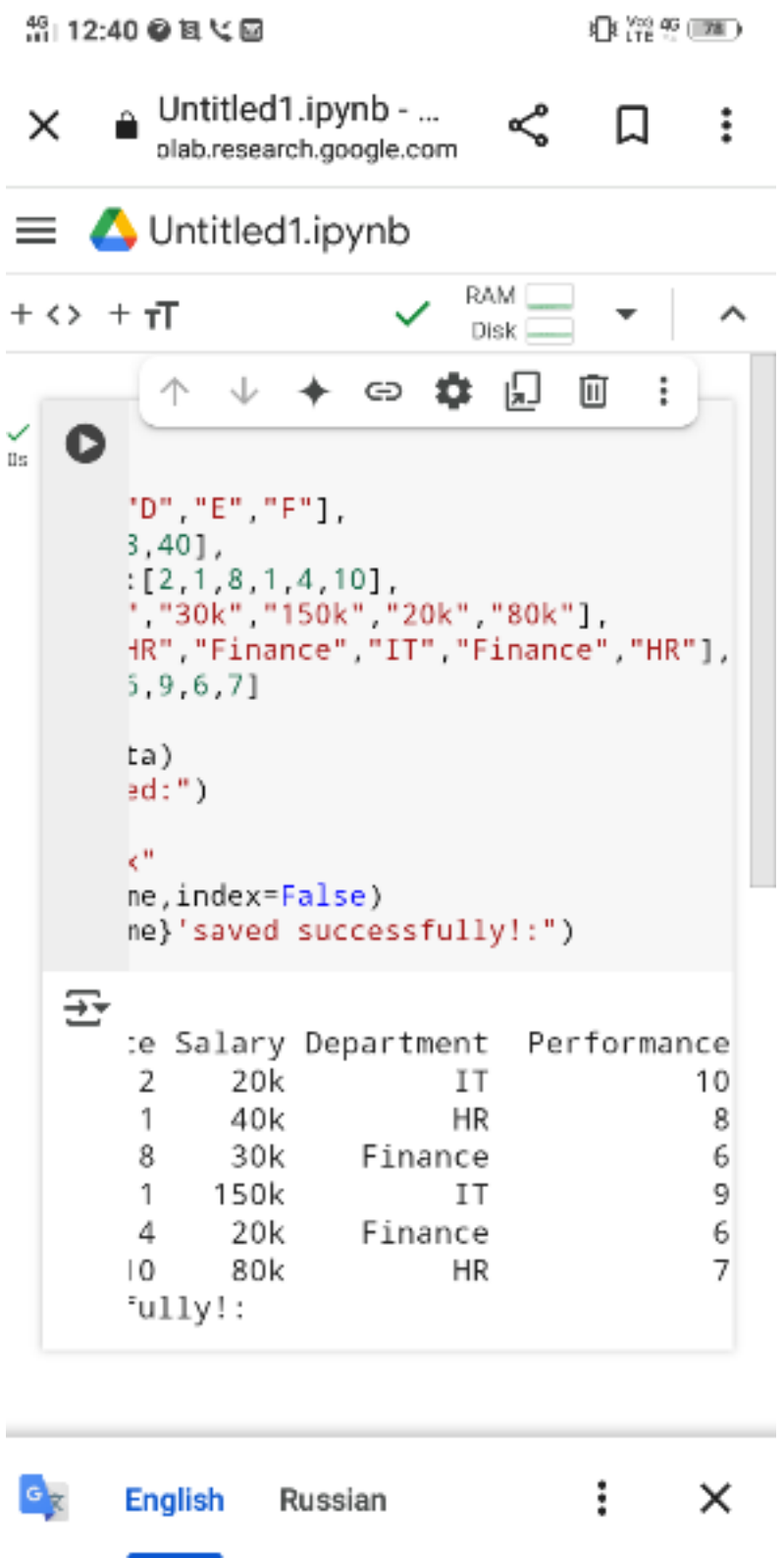
12:40
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RAM
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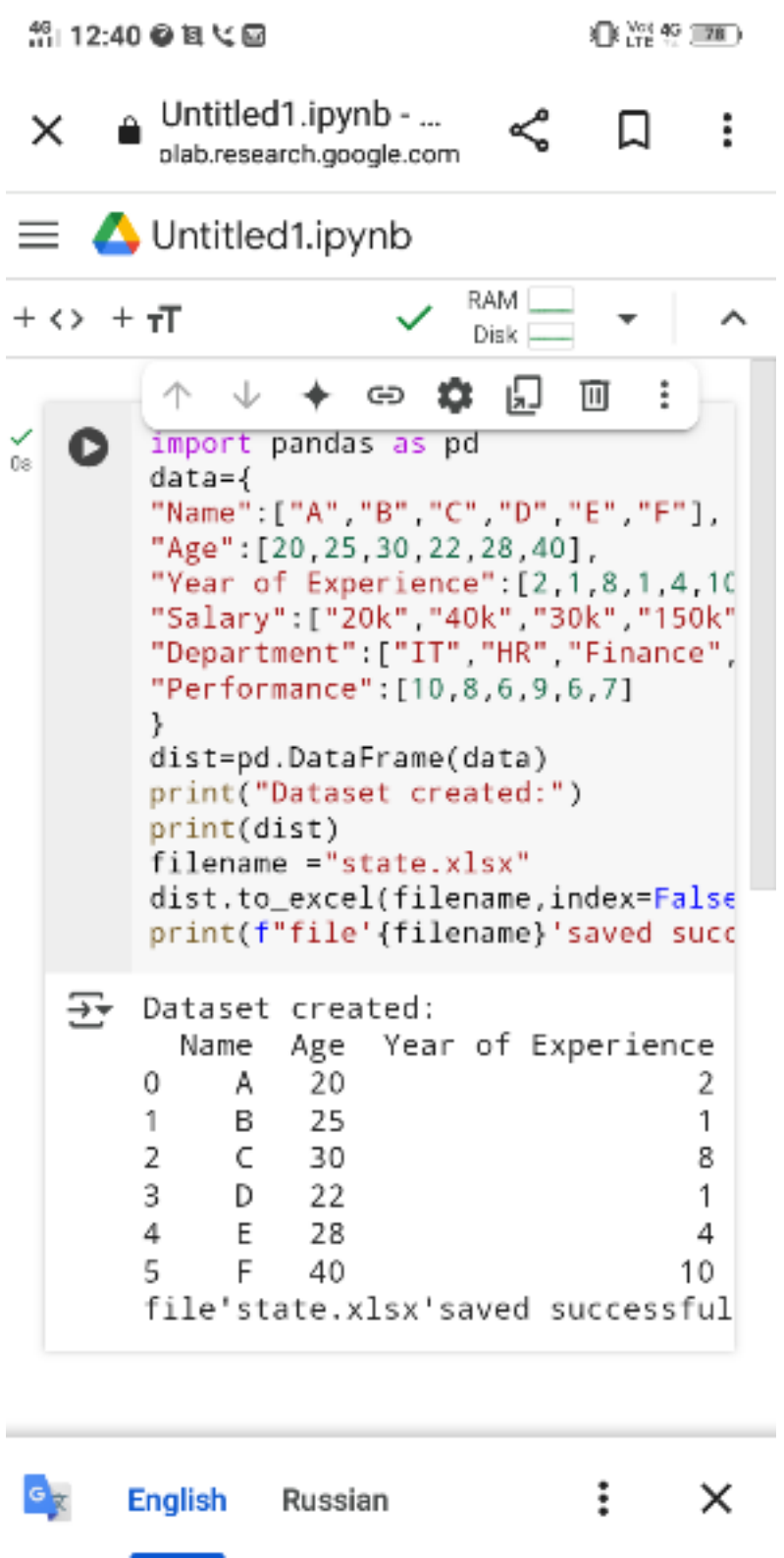
'D","E","F"],
3,40],
:[2,1,8,1,4,10],
","30k","150k","20k","80k"],
HR","Finance","IT","Finance","HR"],
5,9,6,7]
ta)
ed:")
ne,index=False)
ne}'saved successfully!:")
:e Salary Department Performance
2 20k IT 10
1 40k HR 8
8 30k Finance 6
1 150k IT 9
4 20k Finance 6
10 80k HR 7
ully!:
English
Russian


12:40
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Untitled1.ipynb
RAM
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import pandas as pd
data={
"Name":["A","B","C","D","E","F"],
"Age":[20,25,30,22,28,40],
"Year of Experience":[2,1,8,1,4,1(
"Salary":["20k","40k","30k","150k"
"Department":["IT","HR","Finance",
"Performance":[10,8,6,9,6,7]
}
dist=pd.DataFrame(data)
print("Dataset created:")
print(dist)
filename ="state.xlsx"
dist.to_excel(filename,index=False
print(f"file'{filename}'saved succ
Dataset created:
Name Age Year of Experience
0 A 20 2
1 B 25 1
2 C 30 8
3 D 22 1
4 E 28 4
5 F 40 10
file'state.xlsx'saved successful
English
Russian

10:24

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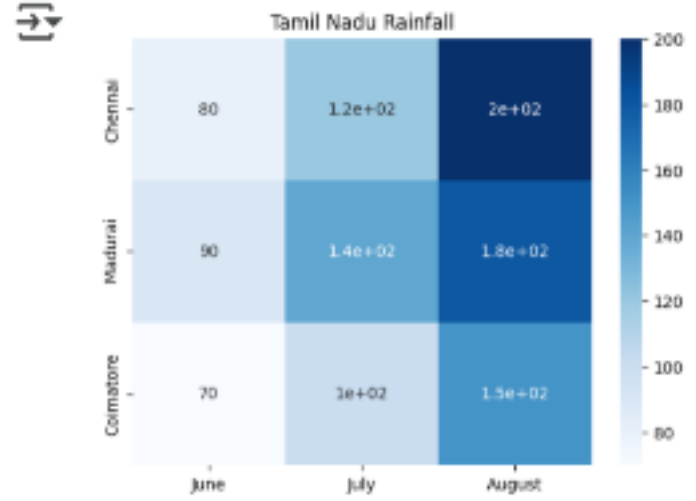
1s

```
import matplotlib.pyplot as plt
import numpy as np
rainfall = np. array([
[80,120,200],#Chennai
[90,140,180],#Madurai
[70,100,150],#Coimbatore
])
cities = ["Chennai"," Madurai", "C
months = ["June","July","August"]
sns. heatmap(rainfall, annot=True,
yticklabels=cities)
plt. title("Tamil Nadu Rainfall")
plt. show()
```



English Russian

10:08

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RAM
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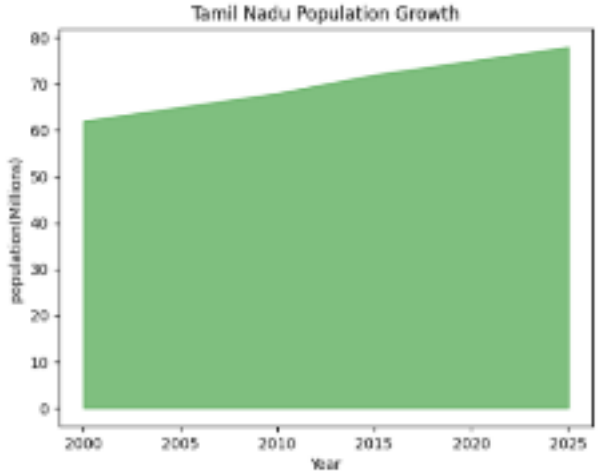
```
import matplotlib. pyplot as plt
years=[2000,2005,2010,2015,2020,2C
population =[62,65,68,72,75,78]
plt.fill_between(years, populatior
plt.xlabel("Year")
plt.ylabel("population(Millions)")
plt.title("Tamil Nadu Population G
plt.show()
```



English Russian