

Files

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sample\_data

Employee (1).csv

Salary.csv

Disk 84.31 GB available

```

#@title
import pandas as pd
import numpy as np

# Load employee dataset
employee_df = pd.read_csv('/content/Employee (1).csv')

# Load salary dataset
salary_df = pd.read_csv('/content/Salary.csv')

# Merge datasets based on employee ID
merged_df = pd.merge(employee_df, salary_df, on='employee_id')

# Sort the merged dataset in ascending order of salary
sorted_df = merged_df.sort_values('salary', ascending=True)

# Calculate age of each employee
sorted_df['hire_date'] = pd.to_datetime(sorted_df['hire_date'])
sorted_df['age'] = (pd.Timestamp('now') - sorted_df['hire_date']).astype('<m8[Y]')

# Convert salary from rupees to dollars
sorted_df['salary_usd'] = sorted_df['salary'] / 73.45 # Assuming exchange rate of 1 INR = 0.0135 USD
    
```

Colab

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```
# Convert salary from rupees to dollars
sorted_df['salary_usd'] = sorted_df['salary'] / 73.45 # Assuming exchange rate of 1 INR = 0.0135 USD

# Find top 5 employees with highest salary
top_employees = sorted_df.tail(5)

# Define a function to find the first 5 employees with the highest salary
def find_top_employees(df):
    return df.tail(5)

# Call the function on the sorted dataframe
top_employees = find_top_employees(sorted_df)

# Print the top 5 employees with highest salary
print(top_employees)
```

	employee_id	first_name	last_name	hire_date	department	job_title
0	1001	John	Smith	2015-01-01	IT	Developer
1	1002	Jane	Doe	2016-02-15	HR	Manager
2	1003	Bob	Johnson	2017-05-20	Sales	Salesperson
3	1004	Emily	Wong	2018-09-10	IT	Analyst
4	1005	Jack	Lee	2019-12-01	Marketing	Marketer

	salary	age	salary_usd
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```
employee_id first_name last_name hire_date department job_title \
0 1001 John Smith 2015-01-01 IT Developer
1 1002 Jane Doe 2016-02-15 HR Manager
2 1003 Bob Johnson 2017-05-20 Sales Salesperson
3 1004 Emily Wong 2018-09-10 IT Analyst
4 1005 Jack Lee 2019-12-01 Marketing Marketer

salary age salary_usd
0 50000 8.0 680.735194
1 60000 7.0 816.882233
2 70000 5.0 953.029272
3 80000 4.0 1089.176310
4 90000 3.0 1225.323349
```