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EDS activity

Find the statistical Analysis on Employee Payroll dataset =

- a. Find the employee who is having maximum salary
- b. Find the employee who's job title is Chief Human Resources
- c. Find the experience of all the employee
- d. Find the total basic pays of employee in Fiscal Quarter 4
- e. Clean the dataset if record is empty with 0 values or delete incomplete data row
- f. Find the employee summation of all employee salary those who are from working in "PROVIDENT HOSPITAL"
- g. Find frequency count of all job titles

Code

```

import pandas as pd
df=pd.read_csv("dataset5 (1).csv")

max_salary_employee = df[df['Base Pay'] == df['Base Pay'].max()]
print("Employee with the maximum salary:")
print(max_salary_employee)
chief_hr_employee = df[df['Job Title'] == 'Chief Human Resources']
print("\nEmployee with the job title 'Chief Human Resources':")
print(chief_hr_employee)
df['Experience'] = pd.to_datetime(df['Original Hire Date']).apply(lambda x: (pd.
to_datetime('today') - x).days // 365)
print("\nExperience of all employees:")
print(df[['First Name', 'Experience']])
quarter_4_total_pay = df[df['Fiscal Quarter'] == 4]['Base Pay'].sum()
print("\nTotal basic pay of employees in fiscal quarter 4:")
print(quarter_4_total_pay)

```

OUTPUT:

Employee with the maximum salary:

	Fiscal Year	Fiscal Quarter	Fiscal Period	First Name	Last Name	\
14	2017	4	2017Q4	SHABIRHUSAIN	ABADIN	

	Bureau	Office	Office Name	Job Code	\
14	Bureau of Health	4891	PROVIDENT HOSPITAL	1642	

	Job Title	Base Pay	Position ID	Original Hire Date
14	Attending Physician XII	67824.96	1100069	12/16/2013

Employee with the job title 'Chief Human Resources':

Empty DataFrame

Columns: [Fiscal Year, Fiscal Quarter, Fiscal Period, First Name, Last Name, Bureau, Office, Office Name, Job Code, Job Title, Base Pay, Position ID, Original Hire Date]

Index: []

Experience of all employees:

	First Name	Experience
0	AMRITH	118
1	AMRITH	18
2	AMRITH	18
3	DAVID	24
4	DAVID	24
5	DAVID	24
6	DAVID	24
7	SHABIRHUSAIN	9
8	SHABIRHUSAIN	9

9	SHABIRHUSAIN	9
10	SHABIRHUSAIN	9
11	SHABIRHUSAIN	9
12	SHABIRHUSAIN	9
13	SHABIRHUSAIN	9
14	SHABIRHUSAIN	9
15	ROHIT	7
16	AMOL	7
17	RUTH	7
18	RUTH	7
19	GLADYS	13
20	GLADYS	13
21	GLADYS	13
22	GLADYS	13
23	GLADYS	13
24	GLADYS	13

Total basic pay of employees in fiscal quarter 4:
212127.42000000004