Data Science Job salaries

Data science job salries encompassing the experience level, employment time, work year, salary, salary in dollars, remote ration, company location, employee's residence etc.

IMPORTS

```
import pandas as pd
In [ ]:
         import opendatasets as od
        datasets_url= 'https://www.kaggle.com/datasets/ruchi798/data-science-job-salaries'
In [ ]:
        od.download(datasets_url)
        Skipping, found downloaded files in ".\data-science-job-salaries" (use force=True to
        force download)
        data_dir=".\data-science-job-salaries"
In [ ]:
        import os
In [ ]:
        os.listdir(data_dir)
        ['ds_salaries.csv']
Out[ ]:
        ds_job_salary_df= pd.read_csv("data-science-job-salaries/ds_salaries.csv")
In [ ]:
        ds_job_salary_df
        os.getcwd()
        'c:\\Users\\OLUWASORE\\Documents\\Data Analytics'
Out[]:
        ds_job_salary_df= pd.read_csv("data-science-job-salaries/ds_salaries.csv")
In [ ]:
        ds job salary df
```

Out[

|]: | | Unnamed: 0 | work_year | experience_level | employment_type | job_title | salary | salary_currency | sal | | |
|----|-----------------------|---------------|-----------|------------------|-----------------|----------------------------------|--------|-----------------|-----|--|--|
| | 0 | 0 | 2020 | МІ | FT | Data Scientist | 70000 | EUR | | | |
| | 1 | 1 | 2020 | SE | FT | Machine Learning Scientist | 260000 | USD | | | |
| | 2 | 2 | 2020 | SE | FT | Big Data Engineer | 85000 | GBP | | | |
| | 3 | 3 | 2020 | MI | FT | Product Data Analyst | 20000 | USD | | | |
| | 4 | 4 | 2020 | SE | FT | Machine Learning Engineer | 150000 | USD | | | |
| | ••• | | | | | | | | | | |
| (| 502 | 602 | 2022 | SE | FT | Data Engineer | 154000 | USD | | | |
| 6 | 503 | 603 | 2022 | SE | FT | Data Engineer | 126000 | USD | | | |
| • | 604 | 604 | 2022 | SE | FT | Data Analyst | 129000 | USD | | | |
| • | 505 | 605 | 2022 | SE | FT | Data Analyst | 150000 | USD | | | |
| (| 606 | 606 | 2022 | MI | FT | Al Scientist | 200000 | USD | | | |
| 60 | 607 rows × 12 columns | | | | | | | | | | |

DATA CLEANING

| Out[]: | | Unnamed: 0 | work_year | experience_level | employment_type | job_title | salary | salary_currency | sal |
|---------|-------|---------------|-----------|------------------|-----------------|----------------------------------|--------|-----------------|-----|
| | 0 | 0 | 2020 | МІ | FT | Data Scientist | 70000 | EUR | |
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| | 4 | 4 | 2020 | SE | FT | Machine Learning Engineer | 150000 | USD | |
| | ••• | | | | | | | | |
| | 602 | 602 | 2022 | SE | FT | Data Engineer | 154000 | USD | |
| | 603 | 603 | 2022 | SE | FT | Data Engineer | 126000 | USD | |
| | 604 | 604 | 2022 | SE | FT | Data Analyst | 129000 | USD | |
| | 605 | 605 | 2022 | SE | FT | Data Analyst | 150000 | USD | |
| | 606 | 606 | 2022 | MI | FT | Al Scientist | 200000 | USD | |
| | 607 r | ows × 12 co | olumns | | | | | | |
| < | | | | | | | | | > |

file:///C:/Users/OLUWASORE/Documents/Data Analytics/1stpythonproject.html

In []: ds_job_sal_df.info()

```
<class 'pandas.core.frame.DataFrame'>
        RangeIndex: 607 entries, 0 to 606
        Data columns (total 12 columns):
         #
             Column
                                  Non-Null Count
                                                   Dtype
              _____
                                  _____
                                                   _ _ _ _ _
         0
             Unnamed: 0
                                  607 non-null
                                                   int64
         1
             work year
                                  607 non-null
                                                   int64
         2
             experience_level
                                  607 non-null
                                                   object
             employment_type
         3
                                  607 non-null
                                                   object
         4
             job title
                                  607 non-null
                                                   object
         5
             salary
                                  607 non-null
                                                   int64
         6
             salary_currency
                                  607 non-null
                                                   object
         7
                                  607 non-null
                                                   int64
             salary_in_usd
             employee_residence 607 non-null
                                                   object
         9
             remote ratio
                                  607 non-null
                                                   int64
         10
             company_location
                                  607 non-null
                                                   object
         11 company size
                                  607 non-null
                                                   object
        dtypes: int64(5), object(7)
        memory usage: 57.0+ KB
        ds job sal df.drop('Unnamed: 0',axis=1,inplace=True)
In [ ]:
        ds_job_sal_df.info()
In [ ]:
        <class 'pandas.core.frame.DataFrame'>
        RangeIndex: 607 entries, 0 to 606
        Data columns (total 11 columns):
                                  Non-Null Count
         #
             Column
                                                  Dtype
         ---
              -----
                                                   ----
         0
             work_year
                                  607 non-null
                                                   int64
         1
             experience_level
                                  607 non-null
                                                   object
         2
             employment type
                                  607 non-null
                                                   object
         3
             job title
                                  607 non-null
                                                   object
         4
             salary
                                  607 non-null
                                                   int64
         5
             salary_currency
                                  607 non-null
                                                   object
         6
             salary in usd
                                  607 non-null
                                                   int64
         7
             employee residence 607 non-null
                                                   object
         8
             remote ratio
                                  607 non-null
                                                   int64
             company_location
                                  607 non-null
                                                   object
             company size
         10
                                  607 non-null
                                                   object
        dtypes: int64(4), object(7)
        memory usage: 52.3+ KB
        ds_job_sal_df.isnull().sum()
In [ ]:
        work year
Out[]:
        experience level
                               0
        employment_type
                               0
                               0
        job title
        salary
                               0
        salary_currency
                               0
                               0
        salary in usd
        employee residence
                               0
        remote ratio
                               0
        company location
                               0
        company_size
                               0
        dtype: int64
        ds job sal df.salary
In [ ]:
```

```
70000
Out[]:
        1
                260000
        2
                 85000
        3
                 20000
        4
                150000
                 . . .
        602
                154000
        603
                126000
        604
                129000
        605
                150000
        606
                200000
        Name: salary, Length: 607, dtype: int64
        ds_job_sal_df.remote_ratio
In [ ]:
                  0
Out[]:
                  0
                 50
        2
                  0
                 50
        602
                100
        603
                100
        604
                  0
        605
                100
        606
                100
        Name: remote_ratio, Length: 607, dtype: int64
        ds_job_sal_df.company_location.nunique()
In [ ]:
Out[]:
        ds_job_sal_df.company_location.value_counts()
```

```
US
                   355
Out[]:
           GB
                    47
           \mathsf{C}\mathsf{A}
                     30
           DE
                     28
           IN
                     24
           FR
                    15
           ES
                     14
           GR
                     11
           JΡ
                      6
           NL
                      4
           \mathsf{AT}
                      4
           PT
                      4
           PL
                      4
           LU
                      3
           PK
                      3
           BR
                      3
           ΑE
                      3
           MX
                      3
           ΑU
                      3
                      3
           TR
           DK
                      3
           ΙT
                      2
           \mathsf{CZ}
                      2
           SI
                      2
           RU
                      2
           CH
                      2
           NG
                      2
           CN
                      2
                      2
           BE
           VN
                      1
           EE
                      1
           AS
                      1
           DΖ
                      1
           MY
                      1
           MD
                      1
           ΚE
                      1
           SG
                      1
           CO
                      1
           IR
                      1
           \mathsf{CL}
                      1
           MT
                      1
           IL
                      1
           UA
                      1
           ΙQ
                      1
           RO
                      1
           HR
                      1
           NZ
                      1
           HU
                      1
           HN
                      1
           ΙE
           Name: company_location, dtype: int64
           ds_job_sal_df.salary_currency.unique()
In [ ]:
           array(['EUR', 'USD', 'GBP', 'HUF', 'INR', 'JPY', 'CNY', 'MXN', 'CAD', 'DKK', 'PLN', 'SGD', 'CLP', 'BRL', 'TRY', 'AUD', 'CHF'],
Out[]:
                   dtype=object)
In [ ]:
           ds_job_sal_df.salary_currency.nunique()
```

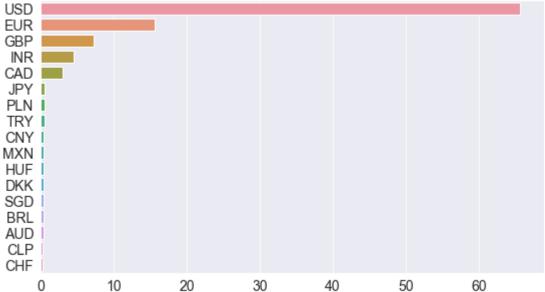
```
Out[ ]:
        ds_job_sal_df.drop('salary',axis=1,inplace=True)
In [ ]:
        ds_job_sal_df.work_year.value_counts()
In [ ]:
        2022
                 318
Out[]:
        2021
                 217
        2020
                  72
        Name: work year, dtype: int64
        ds_job_sal_df.company_size.value_counts()
In [ ]:
              326
Out[]:
              198
               83
        Name: company size, dtype: int64
```

DATA MANIPULATION WITH VISUALIZATION

```
ds_job_sal_df.describe()
Out[]:
                            salary_in_usd remote_ratio
                 work_year
                607.000000
                              607.000000
                                            607.00000
         count
         mean
              2021.405272 112297.869852
                                             70.92257
                   0.692133
                             70957.259411
                                             40.70913
           std
           min 2020.000000
                              2859.000000
                                              0.00000
               2021.000000
          25%
                            62726.000000
                                             50.00000
               2022.000000
          50%
                            101570.000000
                                             100.00000
               2022.000000
                            150000.000000
                                             100.00000
          75%
          max 2022.000000
                           600000.000000
                                             100.00000
In [ ]:
         import seaborn as sns
         import matplotlib
         import matplotlib.pyplot as plt
         %matplotlib inline
         sns.set_style('darkgrid')
In [ ]:
         matplotlib.rcParams['font.size'] = 14
         matplotlib.rcParams['figure.figsize'] = (9, 5)
         matplotlib.rcParams['figure.facecolor'] = '#00000000'
         salary_currency=ds_job_sal_df.salary_currency.value_counts()
In [ ]:
         salary currency percentage=salary currency*100/ds job sal df.salary currency.count()
         salary_currency_percentage
```

```
65.568369
        USD
Out[]:
        EUR
                15.650741
        GBP
                 7.248764
        INR
                 4.448105
        CAD
                 2.965404
        JPY
                 0.494234
        PLN
                 0.494234
        TRY
                 0.494234
        CNY
                 0.329489
                 0.329489
        MXN
        HUF
                 0.329489
        DKK
                 0.329489
        SGD
                 0.329489
        BRL
                 0.329489
        AUD
                 0.329489
        CLP
                 0.164745
        CHF
                 0.164745
        Name: salary_currency, dtype: float64
        sns.barplot(x=salary currency percentage,y=salary currency percentage.index)
In [ ]:
         plt.title('Salary Currency')
         plt.ylabel(None);
         plt.xlabel(None);
```

Salary Currency

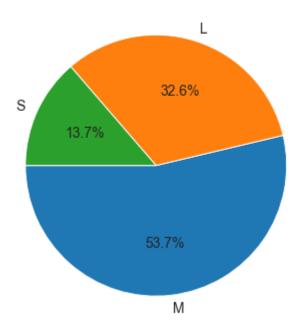


66% receives their salaries normally in USD, which shows USD is a preffered choice for global Exchange in data science which makes it encouraging to work internationally without having currency issues and salary marginalisation.

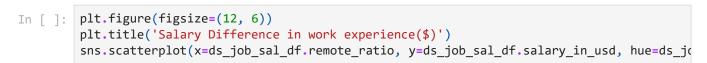
```
In [ ]: Company_size=ds_job_sal_df.company_size.value_counts()
#visualization

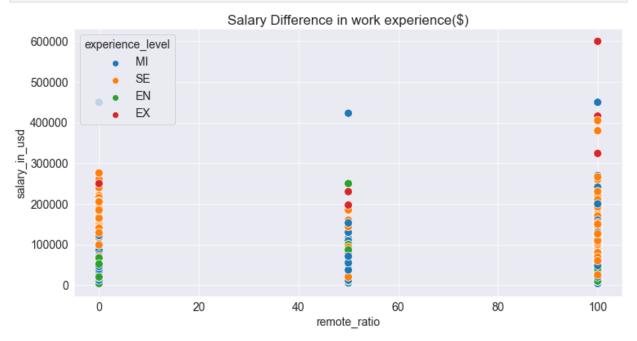
plt.figure(figsize=(12,6))
plt.title('Size of Company')
plt.pie(Company_size,labels=Company_size.index,autopct='%1.1f%%',startangle=180,);
```





More than half of data science companies are Medium. It is noticed the Medium companies dominates the Data science world followed by a large margin whiles small companies (start ups) accross the world being little which shows enough capital is needed to run the Companies effectively.





Only EX earns 600,000whileMI,EX,SEearnwithin500,000- 300,000whileENearningsarebelow300,000 as the seen in the plot above. The higher your experience level,the higher your salary earnings. geting to EX makes your salary earnings not less than \$200,000.

```
In [ ]: plt.figure(figsize=(12,8))
   plt.title('Company size\'s salary')
   plt.xlabel('Salary in USD')
   plt.ylabel('Count')
   sns.histplot(x=ds_job_sal_df.salary_in_usd,hue=ds_job_sal_df.company_size);
```

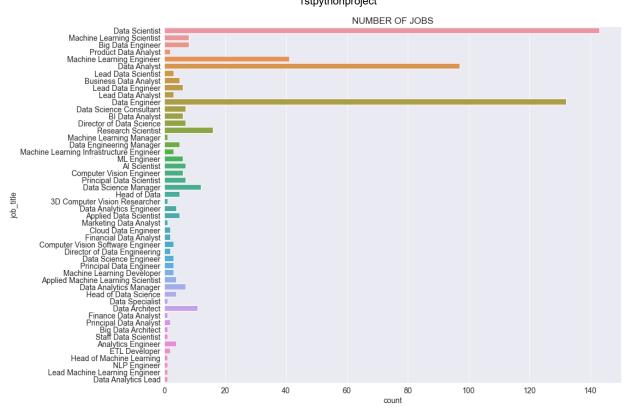


Large companies pay higher salaries compared to Meduims. Only Large companies pays

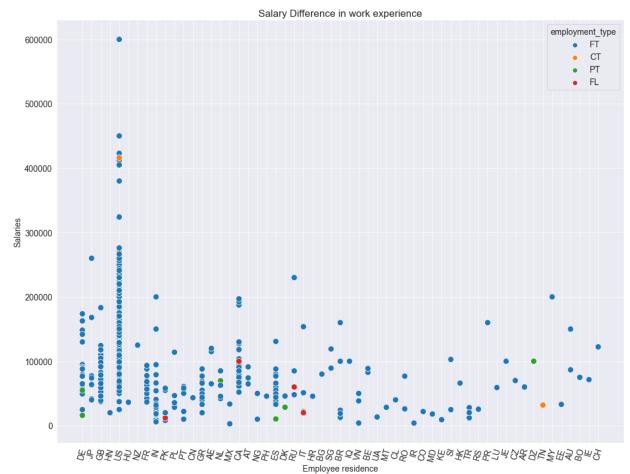
600,000 which shows they can afford the most skilled and qualified in the Data science field. Small & Medium companies are still able within the the range of

400,000 below.

```
In [ ]: plt.figure(figsize=(15,12))
   plt.title('NUMBER OF JOBS')
   plt.xlabel(None)
   sns.countplot(y=ds_job_sal_df.job_title);
```

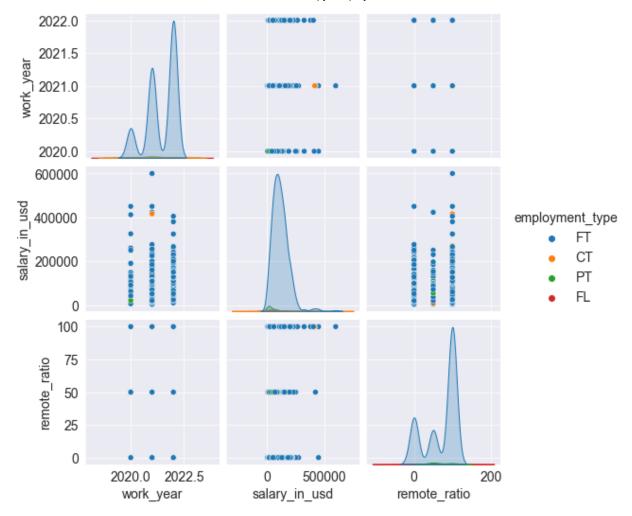


```
In [ ]: plt.figure(figsize=(17,13))
    plt.title('Salary Difference in work experience')
    plt.xlabel('Employee residence')
    plt.ylabel('Salaries')
    plt.xticks(rotation=75)
    sns.scatterplot(x=ds_job_sal_df.employee_residence, y=ds_job_sal_df.salary_in_usd, hue
```



The US as the highest FT employed type with a higher salary earnings unlike the rest of them which shows the marginlisation in salry earnings and effects of other currencies to the Dollar.

```
In []: plt.figure(figsize=(16,14))
    sns.pairplot(ds_job_sal_df,hue='employment_type')
Out[]: <seaborn.axisgrid.PairGrid at 0x32e1076a30>
    <Figure size 1152x1008 with 0 Axes>
```



```
In [ ]: ds_job_sal_df['job_branch']=ds_job_sal_df['job_title']
    ds_job_sal_df
```

| Out[]: | | work_year | experience_level | employment_type | job_title | salary_currency | salary_in_usd | employe |
|---------|-------|-------------|------------------|-----------------|----------------------------------|-----------------|---------------|---------|
| | 0 | 2020 | MI | FT | Data Scientist | EUR | 79833 | |
| | 1 | 2020 | SE | FT | Machine Learning Scientist | USD | 260000 | |
| | 2 | 2020 | SE | FT | Big Data Engineer | GBP | 109024 | |
| | 3 | 2020 | МІ | FT | Product Data Analyst | USD | 20000 | |
| | 4 | 2020 | SE | FT | Machine Learning Engineer | USD | 150000 | |
| | ••• | | | | | | | |
| | 602 | 2022 | SE | FT | Data Engineer | USD | 154000 | |
| | 603 | 2022 | SE | FT | Data Engineer | USD | 126000 | |
| | 604 | 2022 | SE | FT | Data Analyst | USD | 129000 | |
| | 605 | 2022 | SE | FT | Data Analyst | USD | 150000 | |
| | 606 | 2022 | MI | FT | Al Scientist | USD | 200000 | |
| | 607 r | ows × 12 co | olumns | | | | | |
| C | | | | | | | | > |

| Out[]: | | work_year | experience_level | employment_type | job_title | salary_currency | salary_in_usd | employe |
|---------|-------|-------------|------------------|-----------------|----------------------------------|-----------------|---------------|---------|
| | 0 | 2020 | МІ | FT | Data Scientist | EUR | 79833 | |
| | 1 | 2020 | SE | FT | Machine Learning Scientist | USD | 260000 | |
| | 2 | 2020 | SE | FT | Big Data Engineer | GBP | 109024 | |
| | 3 | 2020 | MI | FT | Product Data Analyst | USD | 20000 | |
| | 4 | 2020 | SE | FT | Machine Learning Engineer | USD | 150000 | |
| | ••• | | | | | | | |
| | 602 | 2022 | SE | FT | Data Engineer | USD | 154000 | |
| | 603 | 2022 | SE | FT | Data Engineer | USD | 126000 | |
| | 604 | 2022 | SE | FT | Data Analyst | USD | 129000 | |
| | 605 | 2022 | SE | FT | Data Analyst | USD | 150000 | |
| | 606 | 2022 | МІ | FT | Al Scientist | USD | 200000 | |
| | 607 r | ows × 11 co | olumns | | | | | |
| < | | | | | | | | > |

EXPLORATIVE ANALYSIS

Q1:what is the salaries of Job branch with in respect to their Employment type?

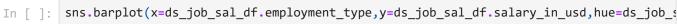
```
'Machine Learning Manager'], 'Data Science related
In []: ds_job_sal_df.job_branch.value_counts()
        Data Science related jobs
                                                      226
Out[ ]:
        Data Engineer
                                                      132
                                                       97
        Data Analyst
        Machine Learning Engineer
                                                       41
        Data Architect
                                                       11
        Big Data Engineer
                                                        8
        Data Analytics Manager
                                                        7
        BI Data Analyst
                                                        6
        Computer Vision Engineer
                                                        6
        ML Engineer
                                                        6
        Lead Data Engineer
                                                        6
        Data Engineering Manager
                                                        5
        Head of Data
                                                        5
                                                        5
        Business Data Analyst
        Analytics Engineer
                                                        4
        Data Analytics Engineer
                                                        4
        Machine Learning Infrastructure Engineer
                                                        3
        Machine Learning Developer
                                                        3
                                                        3
        Lead Data Analyst
                                                        3
        Computer Vision Software Engineer
        Data Science Engineer
                                                        3
                                                        3
        Principal Data Engineer
                                                        2
        Principal Data Analyst
                                                        2
        ETL Developer
        Cloud Data Engineer
                                                        2
        Director of Data Engineering
                                                        2
                                                        2
        Financial Data Analyst
                                                        2
        Product Data Analyst
        Finance Data Analyst
                                                        1
        Marketing Data Analyst
                                                        1
        Big Data Architect
                                                        1
        3D Computer Vision Researcher
                                                        1
        Head of Machine Learning
                                                        1
        NLP Engineer
                                                        1
        Lead Machine Learning Engineer
                                                        1
        Data Analytics Lead
                                                        1
        Name: job branch, dtype: int64
In [ ]: ds_job_sal_df['job_branch'].replace(['Data Analyst',
                                              'Data Analytics Manager',
                                              'BI Data Analyst',
                                              'Head of Data',
                                              'Business Data Analyst',
                                              'Lead Data Analyst',
                                              'Financial Data Analyst',
                                              'Product Data Analyst',
                                              'Principal Data Analyst',
                                              'Marketing Data Analyst',
                                              'Finance Data Analyst',
                                              '3D Computer Vision Researcher', 'Data Analytics Le
In [ ]: ds job sal df.job branch.value counts()
```

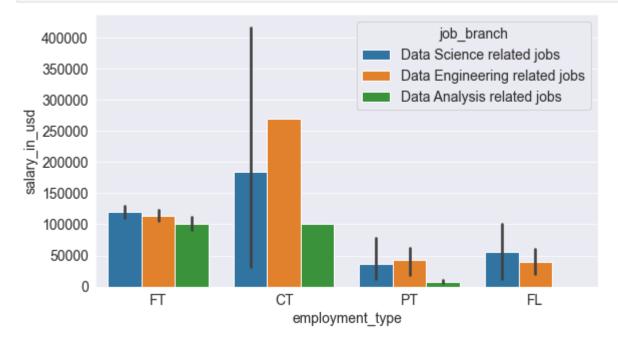
'Staff Data Scientist',

```
Data Science related jobs
Out[ ]:
        Data Analysis related jobs
                                                      132
        Data Engineer
                                                      132
        Machine Learning Engineer
                                                       41
        Data Architect
                                                       11
        Big Data Engineer
                                                        8
        Lead Data Engineer
                                                        6
        ML Engineer
                                                        6
        Computer Vision Engineer
                                                        6
                                                        5
        Data Engineering Manager
        Analytics Engineer
                                                        4
        Data Analytics Engineer
                                                        4
        Principal Data Engineer
                                                        3
        Machine Learning Developer
                                                        3
        Computer Vision Software Engineer
                                                        3
        Data Science Engineer
                                                        3
        Machine Learning Infrastructure Engineer
                                                        3
        Director of Data Engineering
                                                        2
        Cloud Data Engineer
                                                        2
                                                        2
        ETL Developer
        Big Data Architect
                                                        1
        Head of Machine Learning
                                                        1
        NLP Engineer
                                                        1
        Lead Machine Learning Engineer
                                                        1
        Data Analytics Lead
                                                        1
        Name: job branch, dtype: int64
In [ ]: ds job sal df['job branch'].replace(['Lead Machine Learning Engineer',
                                              'NLP Engineer',
                                              'Head of Machine Learning',
                                              'Big Data Architect',
                                              'Director of Data Engineering',
                                              'Cloud Data Engineer',
                                              'ETL Developer',
                                              'Principal Data Engineer',
                                              'Data Science Engineer',
                                              'Computer Vision Software Engineer',
                                              'Machine Learning Developer',
                                              'Machine Learning Infrastructure Engineer',
                                              'Data Analytics Engineer',
                                              'Analytics Engineer',
                                              'Data Engineering Manager',
                                              'Lead Data Engineer',
                                              'ML Engineer',
                                              'Computer Vision Engineer',
                                              'Big Data Engineer',
                                              'Data Architect',
                                              'Machine Learning Engineer',
                                              'Data Engineer'], 'Data Engineering related jobs', i
In [ ]: ds_job_sal_df.job_branch.value_counts()
        Data Engineering related jobs
                                           248
Out[]:
        Data Science related jobs
                                           226
        Data Analysis related jobs
                                          133
        Name: job branch, dtype: int64
        ds_job_sal_df.groupby('employment_type').mean()['salary_in_usd'].value_counts()
```

226

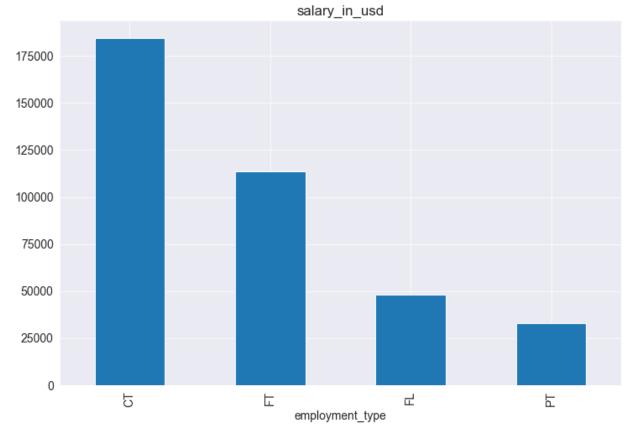
```
Out[]: 184575.000000 1
48000.0000000 1
113468.073129 1
33070.500000 1
Name: salary_in_usd, dtype: int64
```





As noticed Data science has a higher earning for FT & FL employees, while Data engineering has a higher earing for CT and PT which shows data engineers prefer being employed using contracts and part time working schedule due to the nature of their job, while Data Science are employed full time or freelancing.

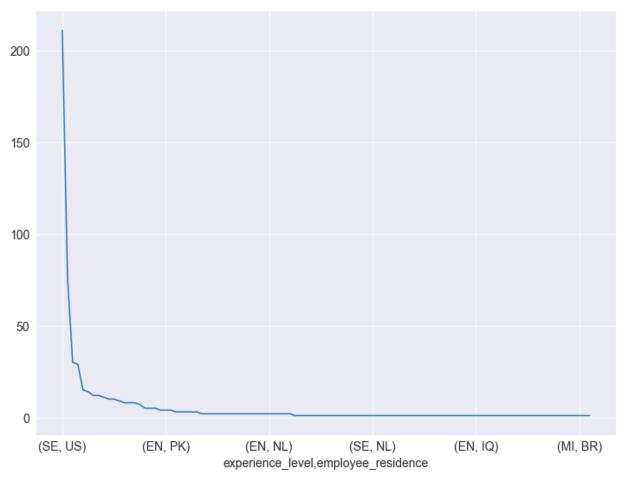
Q2: Which Employment type earns more?, and what is the average salaries earned?



CT earns more since contract jobs are extremely tedious with a time frame to finish compared to others

Q3: where do the most experienced data scientist reside?

```
most_experienced=ds_job_sal_df[['experience_level','employee_residence']].value_counts
        most_experienced
        experience_level
                           employee_residence
Out[]:
                                                  211
                           US
        ΜI
                                                   77
                           GB
                                                   30
        ΕN
                           US
                                                   29
        EX
                           US
                                                   15
        ΜI
                           CL
                                                    1
                           CH
                                                    1
                           BR
                                                    1
                           во
                                                    1
        SE
                                                    1
                           VN
        Length: 103, dtype: int64
        most_experienced.plot(x='experience_level',figsize=(12,9),grid=True);
```

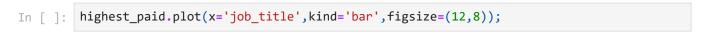


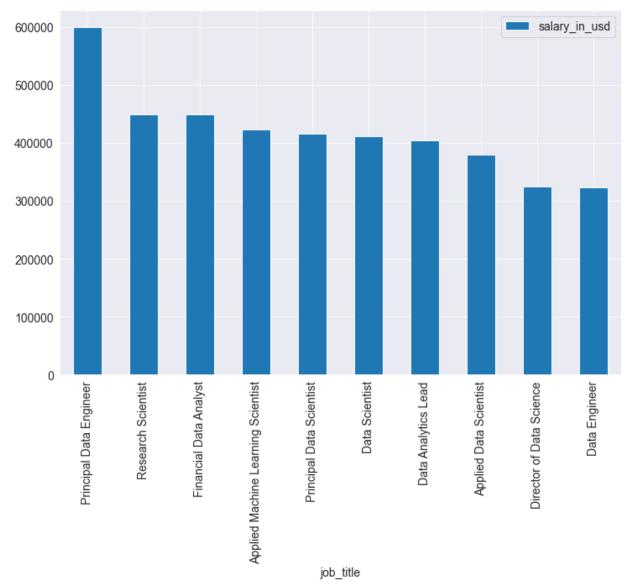
the US dominates the data science as of today with a lot of Skilled and well qualoified employees

Q4: - what are highest paying jobs in Data science?

In []: highest_paid=ds_job_sal_df.nlargest(n=10,columns=['salary_in_usd'])[['job_title','salahighest_paid

| | U | _ | |
|---------|-----|------------------------------------|---------------|
| Out[]: | | job_title | salary_in_usd |
| | 252 | Principal Data Engineer | 600000 |
| | 33 | Research Scientist | 450000 |
| | 97 | Financial Data Analyst | 450000 |
| | 157 | Applied Machine Learning Scientist | 423000 |
| | 225 | Principal Data Scientist | 416000 |
| | 63 | Data Scientist | 412000 |
| | 523 | Data Analytics Lead | 405000 |
| | 519 | Applied Data Scientist | 380000 |
| | 25 | Director of Data Science | 325000 |
| | 482 | Data Engineer | 324000 |





The Principal Data Engineer earns the highest salary in this survey.

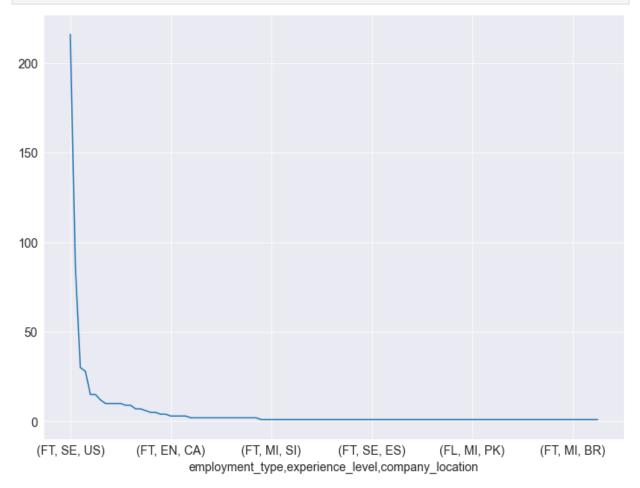
| Out[]: | | work_year | experience_level | employment_type | job_title | salary_currency | salary_in_usd | employe |
|---------|-------|-------------|------------------|-----------------|----------------------------------|-----------------|---------------|---------|
| | 0 | 2020 | MI | FT | Data Scientist | EUR | 79833 | |
| | 1 | 2020 | SE | FT | Machine Learning Scientist | USD | 260000 | |
| | 2 | 2020 | SE | FT | Big Data Engineer | GBP | 109024 | |
| | 3 | 2020 | MI | FT | Product Data Analyst | USD | 20000 | |
| | 4 | 2020 | SE | FT | Machine Learning Engineer | USD | 150000 | |
| | ••• | | | | | | | |
| | 602 | 2022 | SE | FT | Data Engineer | USD | 154000 | |
| | 603 | 2022 | SE | FT | Data Engineer | USD | 126000 | |
| | 604 | 2022 | SE | FT | Data Analyst | USD | 129000 | |
| | 605 | 2022 | SE | FT | Data Analyst | USD | 150000 | |
| | 606 | 2022 | MI | FT | Al Scientist | USD | 200000 | |
| | 607 r | ows × 11 co | olumns | | | | | |
| ζ | | | | | | | | > |

Q5: Where to look for jobs based on higher Experience level with an expected maximum salary?

```
In [ ]: max_sal_job=ds_job_sal_df[['employment_type','experience_level','company_location']].\
max_sal_job
```

```
employment_type experience_level company_location
Out[ ]:
                           SE
                                               US
                                                                    216
                           ΜI
                                               US
                                                                     87
                                               GB
                                                                     30
                           ΕN
                                               US
                                                                     28
                           EX
                                               US
                                                                     15
                           ΜI
                                               ΒE
                                                                      1
                                               ΑU
                                                                      1
                                               ΑE
                                                                      1
                           ΕX
                                               PL
                                                                      1
                           ΜI
                                                                      1
                                               NL
         Length: 106, dtype: int64
```

In []: max_sal_job.plot(x='experience_level',figsize=(12,9),grid=True);



It is no suprise the US Dominates this too as one most populous country with the Largest data network.

INFERENCES AND CONCLUSION

Based on the survey it is noticed the US dominates the Data science industry.

CT employees earns while pt earns the least.

Data scientist /engineers/analyst are demanded more in the indusrtry.

The higher your experience level ,the higher your salary