In [1]:
```
import pandas as pd
df = pd.read_csv('C://Users//khage//OneDrive//Documents//Data Visualization//
df
```

Out[1]:

	work_year	experience_level	employment_type	job_title	salary	salary_currency	sala
0	2021e	EN	FT	Data Science Consultant	54000	EUR	
1	2020	SE	FT	Data Scientist	60000	EUR	
2	2021e	EX	FT	Head of Data Science	85000	USD	
3	2021e	EX	FT	Head of Data	230000	USD	
4	2021e	EN	FT	Machine Learning Engineer	125000	USD	
...	...	...	...	...	...	...	
240	2020	SE	FT	Data Scientist	412000	USD	
241	2021e	MI	FT	Principal Data Scientist	151000	USD	
242	2020	EN	FT	Data Scientist	105000	USD	
243	2020	EN	CT	Business Data Analyst	100000	USD	
244	2021e	SE	FT	Data Science Manager	7000000	INR	

245 rows × 11 columns

Salary by employee residence

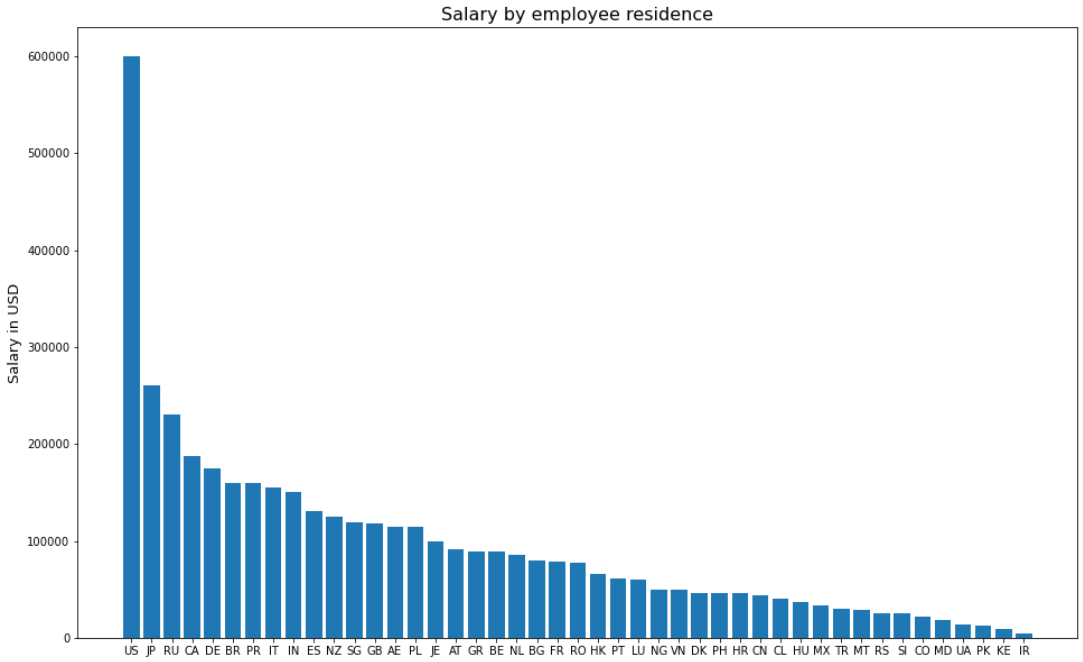
In [2]:

```
import matplotlib.pyplot as plt
import numpy as np
df_sorted_desc= df.sort_values('salary_in_usd',ascending=False)

fig, ax = plt.subplots()

ax.bar('employee_residence','salary_in_usd', data=df_sorted_desc)
ax.set_title("Salary by employee residence",fontdict={'size':16,'color':'blac
ax.set_xlabel("Employee residence",fontdict={'size':13,'color':'black'})
ax.set_ylabel("Salary in USD",fontdict={'size':13,'color':'black'})
ax.grid='False'

fig.set_size_inches(16,10)
plt.show()
```



Mean salary by each level of experience

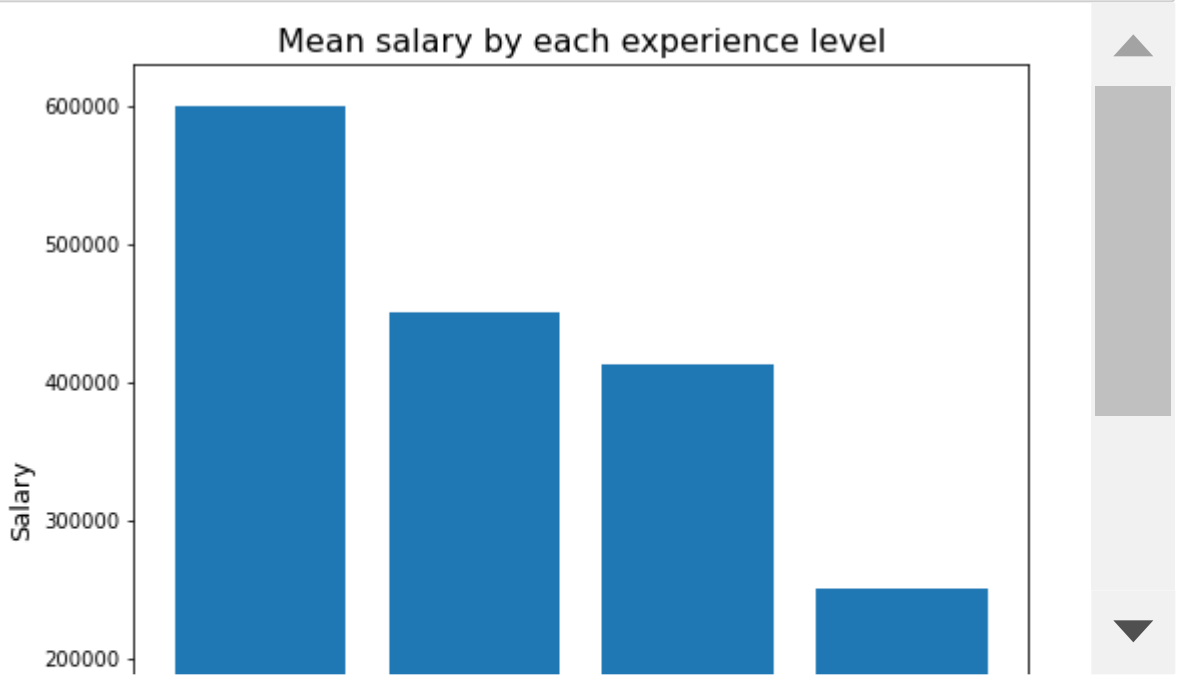
In [3]:
```
import matplotlib.pyplot as plt
import numpy as np

df_sorted_desc= df.sort_values('salary_in_usd',ascending=False)

fig, ax = plt.subplots()

ax.bar('experience_level','salary_in_usd',data=df_sorted_desc)
ax.set_title("Mean salary by each experience level",fontdict={'size':16,'colo
ax.set_xlabel("Experience level",fontdict={'size':13,'color':'black'})
ax.set_ylabel("Salary",fontdict={'size':13,'color':'black'})
ax.grid='false'

fig.set_size_inches(8,8)
plt.show()
```



In [ ]: