In [33]:
```
import pandas as pd
import numpy as np
import matplotlib as plt
import seaborn as sns
```

In [8]:
```
df = pd.read_csv("Admission_Predict_Ver1.1.csv")
```

In [13]:
```
df.shape
```

Out[13]:
```
(500, 9)
```

In [19]:
```
df.head()
```

Out[19]:

	Serial No.	GRE Score	TOEFL Score	University Rating	SOP	LOR	CGPA	Research	Chance of Admit
0	1	337	118	4	4.5	4.5	9.65	1	0.92
1	2	324	107	4	4.0	4.5	8.87	1	0.76
2	3	316	104	3	3.0	3.5	8.00	1	0.72
3	4	322	110	3	3.5	2.5	8.67	1	0.80
4	5	314	103	2	2.0	3.0	8.21	0	0.65

In [20]:
```
df.tail()
```

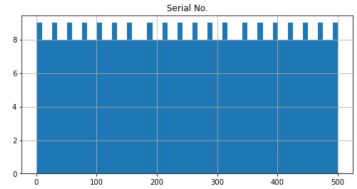
Out[20]:

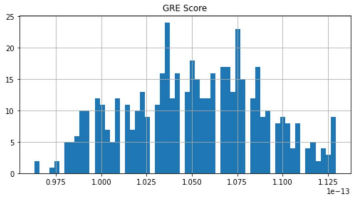
	Serial No.	GRE Score	TOEFL Score	University Rating	SOP	LOR	CGPA	Research	Chance of Admit
495	496	332	108	5	4.5	4.0	9.02	1	0.87
496	497	337	117	5	5.0	5.0	9.87	1	0.96
497	498	330	120	5	4.5	5.0	9.56	1	0.93
498	499	312	103	4	4.0	5.0	8.43	0	0.73
499	500	327	113	4	4.5	4.5	9.04	0	0.84

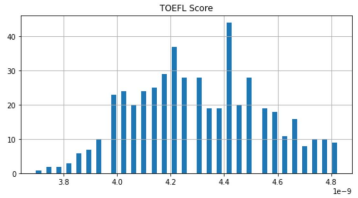
In [27]:
```
#Normalizing data
df['GRE Score'] = df['GRE Score']/380
df['University Rating'] = df['University Rating']/5
df['SOP']=df['SOP']/5
df['LOR ']=df['LOR ']/5
df['CGPA']=df['CGPA']/10
df['TOEFL Score']=df['TOEFL Score']/120
```

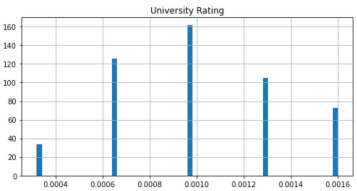
In [35]:
```
df.hist(bins=60, figsize=(30,20))
plt.show()
```

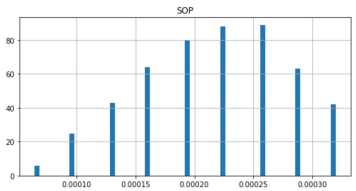
```
---------------------------------------------------------------------------
AttributeError                            Traceback (most recent call last)
<ipython-input-35-5b988b3067df> in <module>
      1 df.hist(bins=60, figsize=(30,20))
----> 2 plt.show()

AttributeError: module 'matplotlib' has no attribute 'show'
```

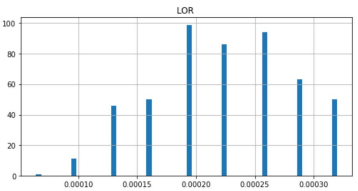

Serial No.

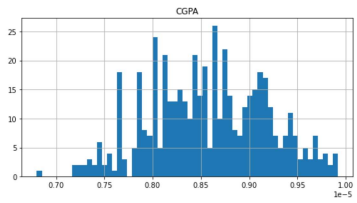

GRE Score
1e−13

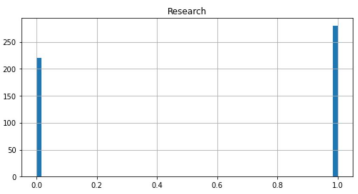

TOEFL Score
1e−9

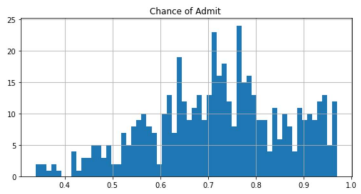

University Rating

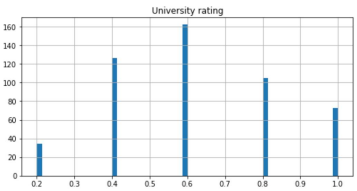

SOP


LOR


CGPA
1e−5


Research


Chance of Admit


University rating

In [ ]: