FinalClaimIssue

June 7, 2022

[1]:
```
import pymysql
import pandas as pd
import sqlalchemy
```

[2]:
```
conn=pymysql.
 ↪connect(host='localhost',port=int(3306),user='root',passwd='password',db='Hospital_DB')
```

[3]:
```
import matplotlib.pyplot as pl
```

[4]:
```
mycursor = conn.cursor()
```

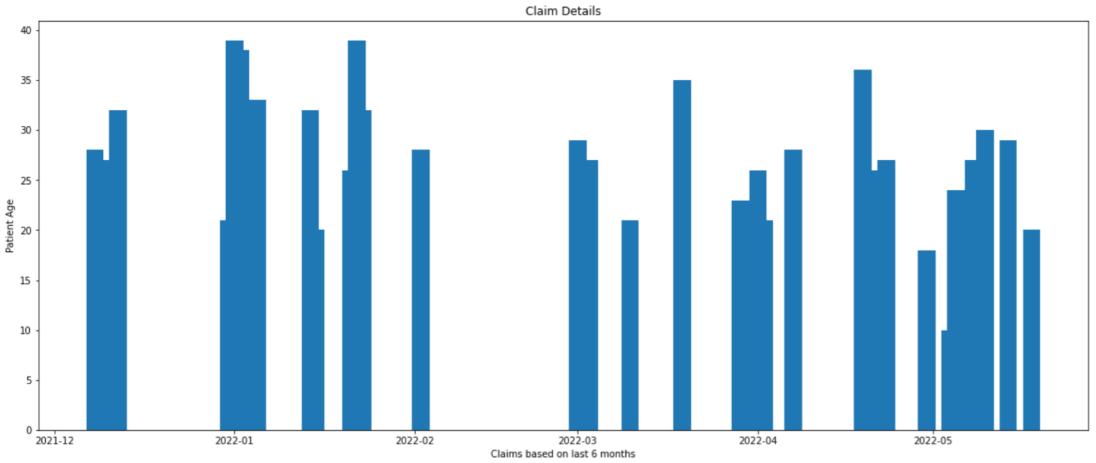
[5]:
```
mycursor.execute("select Claim_issue_date,Patient_age from FinalTable where␣
 ↪Claim_issue_date >=now()-interval 6 month;")
result = mycursor.fetchall
```

[6]:
```
IssueDate = []
Age = []

for i in mycursor:
    IssueDate.append(i[0])
    Age.append(i[1])

print("Claim issue date = ", IssueDate)
print("Patient age = ", Age)
```

```
Claim issue date =  [datetime.date(2021, 12, 12), datetime.date(2022, 5, 9),
datetime.date(2022, 1, 3), datetime.date(2022, 4, 30), datetime.date(2022, 5,
18), datetime.date(2022, 4, 21), datetime.date(2022, 5, 14), datetime.date(2022,
4, 7), datetime.date(2022, 4, 1), datetime.date(2022, 3, 31),
datetime.date(2022, 5, 8), datetime.date(2022, 4, 23), datetime.date(2021, 12,
31), datetime.date(2022, 2, 2), datetime.date(2022, 1, 14), datetime.date(2022,
1, 21), datetime.date(2021, 12, 8), datetime.date(2022, 3, 3),
datetime.date(2022, 3, 1), datetime.date(2021, 12, 11), datetime.date(2022, 1,
23), datetime.date(2022, 1, 15), datetime.date(2022, 1, 2), datetime.date(2022,
1, 1), datetime.date(2022, 1, 22), datetime.date(2022, 1, 2),
datetime.date(2022, 5, 4), datetime.date(2022, 2, 2), datetime.date(2022, 4, 2),
datetime.date(2022, 4, 23), datetime.date(2022, 1, 5), datetime.date(2022, 4,
19), datetime.date(2022, 3, 10), datetime.date(2022, 5, 5), datetime.date(2022,
```

```
1, 1), datetime.date(2022, 3, 29), datetime.date(2022, 3, 19),
datetime.date(2022, 5, 10)]
Patient age =  [32, 21, 27, 18, 20, 26, 29, 28, 26, 23, 27, 23, 21, 10, 32, 26,
28, 27, 29, 27, 32, 20, 38, 39, 39, 35, 10, 28, 21, 27, 33, 36, 21, 24, 22, 23,
35, 30]
```

[8]:
```
pl.rcParams['figure.figsize']=[20,8]
pl.bar(IssueDate, Age,width=3)
pl.xlabel("Claims based on last 6 months")
pl.ylabel("Patient Age")
pl.title("Claim Details")
pl.show()
```



[ ]: