In [15]:
```
# Build select statement for ratings table, average rating for a customer ID:
query = (
        "SELECT Cust_Id, avg(Rating) "
            "FROM ratings "
            "where Cust_Id = 97"
        )

# Execute the statement and fetch the results: results
cursor.execute(query)

result2 = cursor.fetchall()

data = {}
df2 = pd.DataFrame(data)

print('Average Rating for a Customer ID :\n')

# Both print result to screen and append to dataframe
for r in result2:
    data = {
        'Cust_Id': r[0],
        'Avg_Rating': r[1]
    }
    df2 = df2.append(data, ignore_index=True)

df2 = df2[['Cust_Id','Avg_Rating']]          # rearrange columns from alphabet
ic default order
df2['Cust_Id'] = df2['Cust_Id'].astype(int)  # remove .0 from customer ID

df2
```

```
Average Rating for a Customer ID :
```

Out[15]:

	Cust_Id	Avg_Rating
0	97	3.225207

In [16]:
```
# Build select statement for ratings table, average rating for a Movie ID:
query = (
        "SELECT Movie_Id, avg(Rating) "
            "FROM ratings "
            "where Movie_Id = 1001"
        )

# Execute the statement and fetch the results: results
cursor.execute(query)

result3 = cursor.fetchall()

data = {}
df3 = pd.DataFrame(data)

print('Average Rating for Movie ID :\n')

# Both print result to screen and append to dataframe
for r in result3:
    data = {
        'Movie_Id': r[0],
        'Avg_Rating': r[1]
    }
    df3 = df3.append(data, ignore_index=True)

df3 = df3[['Movie_Id','Avg_Rating']]
df3['Movie_Id'] = df3['Movie_Id'].astype(int)


df3
```

```
Average Rating for Movie ID :
```

Out[16]:

	Movie_Id	Avg_Rating
0	1001	3.292859