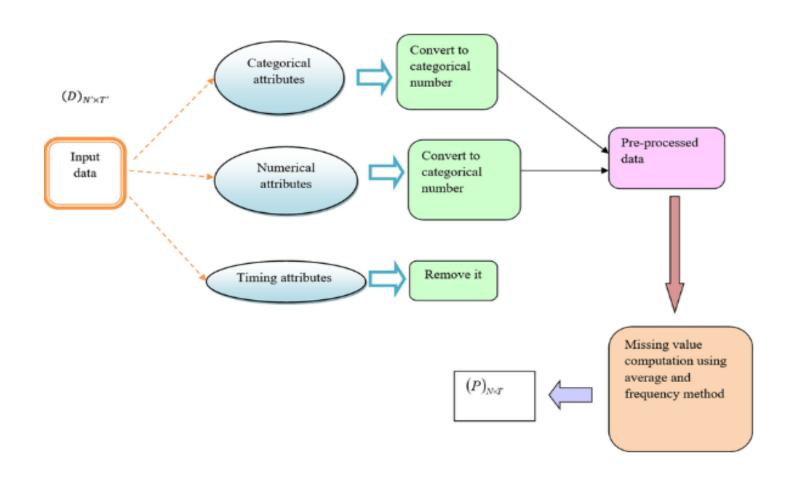
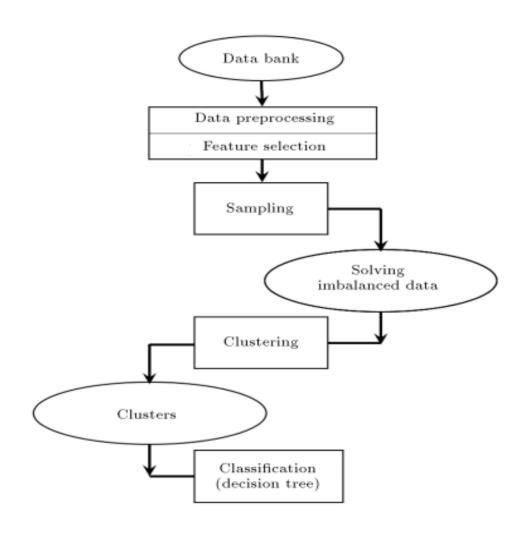
FLIGHT DELAY PREDICTIONS AND AIRLINE OPERATIONS USING K-MEANS

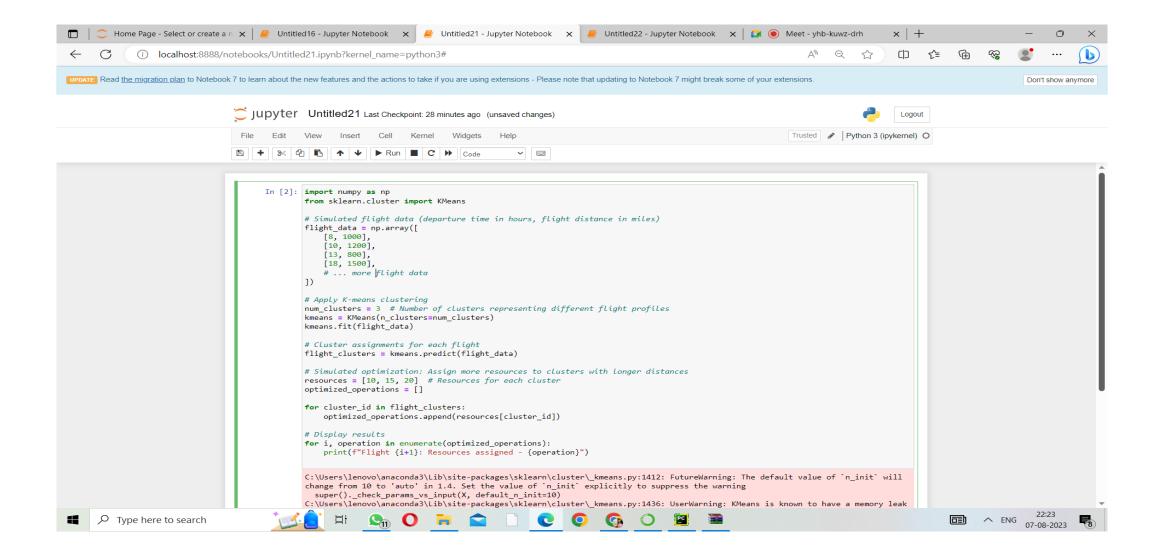
DATA FLOW DIAGRAM



FLOW CHART



CODE



OUTPUT

```
change from 10 to 'auto' in 1.4. Set the value of `n_init` explicitly to suppress the warning super()._check_params_vs_input(X, default_n_init=10)

C:\Users\lenovo\anaconda3\Lib\site-packages\sklearn\cluster\_kmeans.py:1436: UserWarning: KMeans is known to have a memory leak on Windows with MKL, when there are less chunks than available threads. You can avoid it by setting the environment variable OM P_NUM_THREADS=1.

warnings.warn(

Flight 1: Resources assigned - 10

Flight 2: Resources assigned - 10

Flight 3: Resources assigned - 15

Flight 4: Resources assigned - 20
```