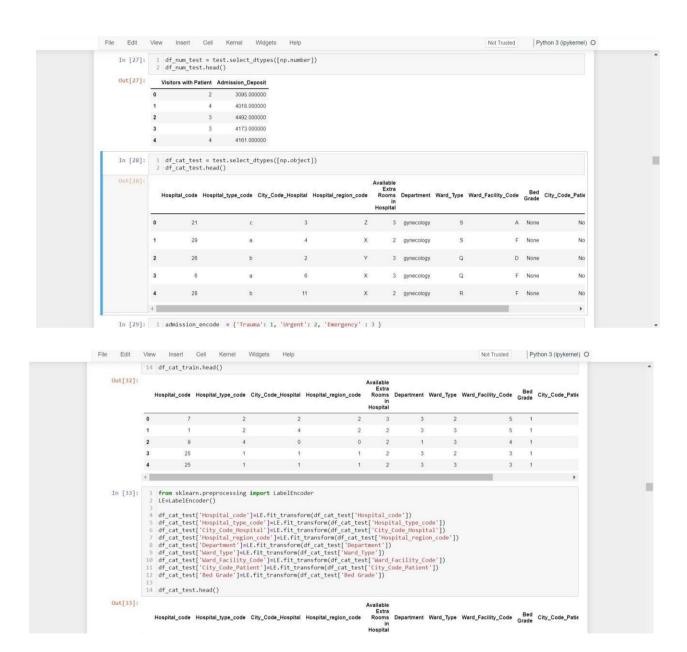
ANALYTICS FOR HOSPITALAND HEALTHCARE DATA

TEAM ID: PNT2022TMID16345

DATA ANALYSIS



```
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                                                                                                                                             Not Trusted Python 3 (ipykernel) O
    In [34]: 1 from sklearn.preprocessing import StandardScaler
2 sc = StandardScaler()
                   4 num_scaled = sc.fit_transform(df_num_train)
                  6 df_num_scaled = pd.DataFrame(num_scaled, columns = df_num_train.columns)
    In [35]: 1
2 num_scaled_test = sc.fit_transform(df_num_test)
                   4 df_num_scaled_test = pd.DataFrame(num_scaled_test, columns = df_num_test.columns)
    In [36]: 1 df_num_scaled.shape
    Out[36]: (313793, 2)
    In [37]: 1 df_cat_train = df_cat_train.reset_index(drop=True)
2 df_num_scaled = df_num_scaled.reset_index(drop=True)
3 df_cat_test = df_cat_test.reset_index(drop=True)
4 df_num_scaled_test = df_num_scaled_test.reset_index(drop=True)
    In [38]: 1 df_cat_train.shape
    Out[38]: (313793, 14)
    In [39]: 1 df_full = pd.concat([df_num_scaled, df_cat_train],axis=1)
2 df_full_test = pd.concat([df_num_scaled_test, df_cat_test],axis=1)
    In [40]: 1 df_full.shape
    Out[40]: (313793, 16)
     In [41]: 1 df_full.head()
```



