

Import required packages

```
import pandas as pd
```

Load data from three csv files

```
emh_df = pd.read_csv("csv/emh_training.csv", low_memory=False)
fwl_df = pd.read_csv("csv/fwl_train_data_v2.csv", low_memory=False)
clean_df = pd.read_csv("csv/clean_data.csv", low_memory=False)
```

Merge data by keyword

```
merged_df = pd.merge(left=emh_df, right=fwl_df, left_on='encounter_id',
                      right_on='encounter_id')
merged_df = pd.merge(left=merged_df, right=clean_df, left_on='encounter_id',
                      right_on='encounter_id')
```

Define drop columns and rename columns

```
columns = merged_df.columns.tolist()
drop_columns = ["Unnamed: 0_x", "Unnamed: 0_y", "hospital_id_y",
                "patient_id_y", "icu_id_y"]
rename_columns = {"patient_id_x": "patient_id",
                  "hospital_id_x": "hospital_id", "icu_id_x": "icu_id"}
```

Drop columns and rename columns

```
merged_df = merged_df.drop(drop_columns, axis=1)
merged_df.rename(columns=rename_columns, inplace=True)
```

Export data into new csv file

```
merged_df.index += 1
merged_df.index.name = "Index"
merged_df.to_csv("merged_data_0325.csv")
```