

Training Data Set Creation

The training data set used for this analysis is shown below (first 5 lines):

- Read of the following files `game-clicks.csv` and `buy-clicks.csv`
- Feature Selection of the selected columns
 - `user_purchases = buyclicks_df[['userId', 'price']]`
 - `user_hits = gameclicks_df[['userId', 'isHit']]`
- Sum the target columns per User Id
 - `hits_per_user = user_hits.groupby('userId').sum()`
 - `revenue_per_user = user_purchases.groupby('userId').sum()`
- Merge the datasets into one for the analysis
 - `combined_df = hits_per_user.merge(revenue_per_user, on='userId')`

Dimensions of the final data set:

```
cluster_df.shape
```

```
(546, 2)
```

of clusters created: 3