

Keterangan : UAS, Reg C
Matakuliah : Sistem Penunjang Keputusan
Dosen : AGUNG PERDANANTO S.Kom, M.Kom

link github : https://github.com/RafaRyan760/Rafa-Ryan_UAS_SPK

The screenshot shows a Jupyter Notebook running on localhost:8888. The notebook has two tabs open: "Home Page - Select or create a ..." and "RAFA RYAN_181011400240_UAS_SPK_07TPLE013.ipynb". The active tab displays the following code and output:

```
In [1]: # import library
import pandas as pd
```

```
In [4]: ratings = pd.read_csv('ratings.csv')
movies = pd.read_csv('movies.csv')
ratings = pd.merge(movies, ratings).drop(['genres', 'timestamp'], axis=1)
ratings.head()
```

The output of In [4] is a DataFrame with columns: movielid, title, userid, rating.

	movielid	title	userid	rating
0	1	Toy Story (1995)	7	3.0
1	1	Toy Story (1995)	9	4.0
2	1	Toy Story (1995)	13	5.0
3	1	Toy Story (1995)	15	2.0
4	1	Toy Story (1995)	19	3.0

```
In [5]: user_ratings = ratings.pivot_table(index=['userId'], columns=['title'], values='rating')
user_ratings.head()
```

The output of In [5] is a pivot table with columns: title, Great Performances Cats (1998), \$9.99 (2008), 'Hellboy': The Seeds of Creation (2004), 'Neath the Arizona Skies' (1934), 'Round Midnight' (1986), 'Salem's Lot' (2004), 'Til There Was You (1997), 'burbs, The Mother (1986), (500) Days of Summer (2009), ... (1964), Zulu (2013), [REC] eXistenZ (1999), loudQUIETloud: A Film About the Pixies (2006), (2).

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Run

Code

Out[5]:

	"Great Performances" Cats (1998)	'Hellboy': The Seeds of Creation (2004)	'Neath the Arizona Skies (1934)	'Round Midnight (1986)	'Salem's Lot (2004)	'Til There Was You (1997)	'burbs, The (1989)	'night Mother (1986)	(500) Days of Summer (2009)	...	Zulu (1964)	Zulu (2013)	[REC] (2007)	eXistenZ (1999)	loudQUIETloud: A Film About the Pixies (2006)	(2
userId																
1	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
3	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
4	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
5	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN

5 rows x 9064 columns

In [7]:

```
## Let's Remove Movies which have Less than 10 users who rated it. and fill remaining NaN with 0
user_ratings = user_ratings.dropna(thresh=10,axis=1).fillna(0)
```

In []:

Windows

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