

Pandas

- Set max row for dataframe output
- Combine df with concat
- Create histogram from df

Set max row for dataframe output

```
# max row to display dataframe set to 7
import pandas as pd
pd.set_option('display.max_rows', 7)
```

Combine df with concat

```
# Combine all dataframe with concat  
frame_format = [df_f0_f1, df_f1_f2, df_f2_f3, df_f3_f4, df_f4_f5]  
df_all = pd.concat(frame_format, sort = False)
```

Create histogram from df

df_trace_person_count sample:

	trace id	no of unique person
0	TRACE_PERSON_0000000003	16
1	TRACE_PERSON_0000000005	20
2	TRACE_PERSON_0000000011	5
...
313	TRACE_PERSON_0000000995	20
314	TRACE_PERSON_0000000998	6
315	TRACE_PERSON_0000000999	8

Code:

```
import matplotlib.pyplot as plt

fig = plt.figure(figsize=(10,10))
axes1 = fig.add_subplot(1,1,1)
axes1.hist(df_trace_person_count['no of unique person'],bins=72, color='black')
axes1.set_xlabel('Count of people')
axes1.set_ylabel('Count of clusters')
```

Result:

