


Topic 4

- describe()

by default give summary of numeric columns

if all data is non-numeric give summary of non-numeric columns

df.describe(include='all') to give numeric and non-n
but gives a lot of NaN

- loc [row name, column name] ends are inclusively
[0:8, 'C1': 'C2'] row 8 and C₂ are included

- iloc [row index, column index] ends are exclusive
[0:8, 0:8] row 8 and column 8 are not included

df. Column name (Should have no spaces in name or special characters)

df[column name] (ok to have space)

df.sort_values(by=[column name or names],
in place = True, ascending = [True or False])
default True

df.index number of rows

df.columns number of columns

- `apply(function)` for single column

- `applymap(function)` for more than one column

Histograms for numeric columns

`countplot` for non-numeric columns

Violinplot depicts the distribution.