

## Experiment 10 : Programs illustrating the Concept of Pandas

1) Create a dictionary on your own with following mentioned columns

Rollno

Name

Subjects (to almost 4 subjects)

Marks

- Make for 10 students.
  - Columns (subjects and marks) must contain null and repeated values
- 01     John PWP 20
- 02     Mark OOPS 45
- 03     Clark PWP Null and so on...

Then convert it into dataframe and do the analysis

- a) Maximum and Minimum marks obtained
- b) No. of students opting for a certain subject
- c) Students who got A+ grade (>95%)
- d) Average marks in certain subjects
- e) Counting how many students got same marks
- f) Removing the marks of absent students

2) Use deliveries.csv file to implement the following :

- a) find the player who has taken maximum catches
- b) display the columns of the table
- c) Display the match id, bowler, batsman, batsman runs and total runs.
- d) Find the player who has scored maximum run
- e) Print the top 5 batsman in descending order as per the total run scored by them