**Pandas The Complete Course By M-H-BUTT**

Course Content:

1. What is Pandas? Why Pandas? And How to Use?.

2. Pandas Data Structures (Series, Data-Frame andPanel)

3. Series

4. Basic operations on series

5. Data-Frame

6. Basic operations on Data-Frame

Exercise 0.01

7. Data Wrangling (Handling Missing-data, Fill-na value,

Drop-na value, Interpolate and Replace )

Exercise 0.02

8. Group-by (Split, Apply, Combine)

9. Concat, Merge, Join the Data-frames

10. Slicing, Sub-setting and Indexing

11. Re-indexing, Reshape , reshape with Melt

12. stack vs un-stack

13. cross-tab

Exercise 0.03

14. Data analysis on Database (read sql, to\_sql)

Exercise 0.04

15. Time Series Analysis

Exercise 0.05

16. pivot Tables

17. Visualization

Exercise 0.06

18. Practical Example(Real World Data Set Example)

I hope, after completing this course you become master of data manipulation, wrangling and analysis or at least this course enable you to become pro user not a beginner anymore in the field of Data Science or Analytic.

Don’t Worry about failures, if you overcome on your failures then believe me it’s the first step towards your success I grantee.

Best Wishes:

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