

CODE TANTRA LAB ASSIGNMENTS

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Essentials of Data Science
Laboratory - 2304102L

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1.1. Practice Lab Assignment

1.1.1. Calculate Momentum

1.1.2. Conditional Calculation Based on th...

1.1.3. Age and Salary Calculation

1.1.4. Reverse a Number

1.1.5. Multiplication Table

1.2. Lab Assignment

2. Practical 2

2.1. Practice Lab Assignment

2.1.1. List operations

Practical 1

About this unit

Practical 1

Practice Lab Assignment

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Lab Assignment

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Practice Lab Assignment

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Calculate Momentum

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Conditional Calculation Based on the Number of Digits

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Age and Salary Calculation

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Reverse a Number

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</> Pass or Fail

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</> Fibonacci series using Recursive Function

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</> Pattern - 1

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</> 2.1.1. List operations

</> 2.1.2. Dictionary Operations

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</> 2.2.1. Linear search Technique

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</> 2.2.2. Captain of the Team

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</> Linear search Technique

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</> Captain of the Team

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 - 3.2.1. Numpy: Matrix Operations
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Practical 3

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</> Numpy: Matrix Operations

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</> Numpy: Horizontal and Vertical Stacking of Arrays

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</> Numpy: Custom Sequence Generation

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</> Numpy: Arithmetic and Statistical Operations, Mathematical Operations, Bitwise Operators



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</> 3.2.7. Student Data Analysis and Operations

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</> Pandas - series creation and manipulation

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</> Dictionary to dataframe

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</> Student Information

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</> 4.2.2. Best Selling Product

</> 4.2.3. City that Sold the Most Products

</> 4.2.4. Most Frequently Sold Product Pairs

</> 4.2.5. Titanic Dataset Analysis and Data Cl...

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</> Best Selling Product

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</> City that Sold the Most Products

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</> Stacked Plot

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</> Histogram of passenger information of Titanic

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</> Bar plot of survival rate of passengers

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</> Bar Plot for Survival by Gender