# Originality report

### **COURSE NAME**

CC5067 Smart Data Discovery

### STUDENT NAME

**AASHISH NEUPANE** 

### **FILE NAME**

22072025 Aashish Neupane (1).docx

### REPORT CREATED

May 13, 2024

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I confirm that I understand my coursework needs to be submitted online via My second teacher under the relevant module page before the deadline in order for my assignment to be accepted and marked...

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Individual Coursework 2022-23 Student Name: Mahima Chaudhary London Met ID: College ID: Assignment Due Date: Thursday, May 4, 2023 Assignment Submission Date: Wednesday, May 3, 2023 Word Count: 2229 I...

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2 of 19 passages

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2. Data Preparation 2.1 Write a python program to load data into pandas DataFrame.

## Top web match

1 0 Marks ) **2** . **Data Preparation Write a python program to load data into pandas DataFrame** ( 5 Marks ) Write a python program to remove unnecessary columns i

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3 of 19 passages

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Write a python program to remove the NaN missing values from updated dataframe.2.4 Write a python program to check duplicates value in the dataframe.2.5 Write a python program to see the unique values...

# Top web match

Write a python program to remove the NaN missing values from updated dataframe...Write a python program to check duplicates value in the dataframe...Write a python program to see the unique values from...

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3. Data Analysis 3.1 Write a Python program to show summary statistics of sum, mean, standard deviation, skewness, and kurtosis of any chosen variable. 3.2 Write a Python program to calculate and show...

# Top web match

3 . Data Analysis Write a Python program to show summary statistics of sum, mean, standard deviation, skewness, and kurtosis of any chosen variable...Write a Python program to calculate and show...

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5 of 19 passages

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Write a python program to find out salaries based on experience level. Illustrate it through bar graph.4.4 Write a Python program to show histogram and box plot of any chosen different variables. Use...

### Top web match

Write a python program to find out salaries based on experience level. Illustrate it through bar graph... Write a Python program to show histogram and box plot of any chosen different variables. Use...

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The dataset at hand includes a variety of factors such as experience, work level, job title and many more, all potential impacting salary levels. So, my work is to gain a better understanding of the...

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...Jupyter Notebook: Jupyter Notebook is a open source web tool where we can use it to create and share documents with code, math equations, graph, and text

#### Top web match

The Jupyter Notebook is an open-source web application that allows you to create and share documents that contain live code, equations, visualizations and narrative text. Uses include data cleaning...

Using Matplotlib with Jupyter Notebook - GeeksforGeeks <a href="https://www.geeksforgeeks.org/using-matplotlib-with-jupyter-notebook/">https://www.geeksforgeeks.org/using-matplotlib-with-jupyter-notebook/</a>

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The main objective of the analysis is to gain a proper understanding of the factors that impacts the salaries of data scientists as well as to identify any underlying structures or pattern within the

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The objective of this analysis is to obtain a better understanding of the elements that influence the salaries of data scientists and discover any regularities or tendencies within the data.

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given dataset includes work year, experience level of the employee, employment type, job title, employee salary, salary currency, salary in usd, employee residence, remote ratio, company location,...

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This strength is particularly useful **given** the diverse nature of our **dataset**, which **includes** features such as work year, experience level, employment type, job title, salary, salary currency,...

DS Salary : Full EDA | Geo | Cluster + XGboost - Kaggle <u>https://www.kaggle.com/code/tumpanjawat/ds-salary-full-eda-geo-cluster-xgboost</u>

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2.1 Write a python program to load data into pandas DataFrame.

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Data Preparation **Write a python program to load data into pandas DataFrame** ( 5 Marks ) Write a python program to remove unnecessary columns i

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2.3 Write a python program to remove the NaN missing values from updated dataframe.

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4 2.2. Write a python program to remove the NaN missing values from updated dataframe... 5 2.3.

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2.4 Write a python program to check duplicates value in the dataframe.

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#### 5 Marks ) Write a python program to check duplicates value in the dataframe. (5 Marks

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2.5 Write a python program to see the unique values from all the columns in the dataframe.

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5 Marks ) Write a python program to see the unique values from all the columns in the dataframe. ( 5 Marks

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3.1 Write a Python program to show summary statistics of sum, mean, standard deviation, skewness, and kurtosis of any chosen variable.

### Top web match

8 2.6. Write a Python program to show summary statistics of sum, mean, standard deviation, skewness, and kurtosis of any chosen variable... 9 2.7.

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3.2 Write a Python program to calculate and show correlation of all variables.

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9 2.7. Write a Python program to calculate and show correlation of all variables... 10 3.

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Data exploration is defined as the first step in data analysis, during which analysts uses techniques like data visualization and statistics to define dataset parameters such as volume, size, and...

### Top web match

Data exploration definition: **Data exploration** refers to **the** initial **step in data analysis** in **which** data **analysts** use **data visualization and** statistical techniques **to** describe **dataset**...

Data Exploration - A Complete Introduction - HEAVY.AI <a href="https://www.heavy.ai/learn/data-exploration">https://www.heavy.ai/learn/data-exploration</a>

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4.1 Write a python program to find out top 15 jobs. Make a bar graph of sales as well.

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Data Exploration Write a python program to find out top 1 5 jobs. Make a bar graph of sales as well. ( 1 0 Marks

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4.3 Write a python program to find out salaries based on experience level. Illustrate it through bar graph.

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1 0 Marks ) Write a python program to find out salaries based on experience level. Illustrate it through bar graph. (1 0 Marks

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4.4 Write a Python program to show histogram and box plot of any chosen different variables. Use proper labels in the graph.

### Top web match

1 0 Marks ) Write a Python program to show histogram and box plot of any chosen different variables. Use proper labels in the graph. ( 1 0 Marks

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