Originality report

COURSE NAME
BMCS 2114 (Machine Learning)

STUDENT NAME
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FILE NAME
G6_Report.docx

REPORT CREATED
Sep 15, 2024

Summary

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kaggle.com	6	2%
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1 of 7 passages

Student passage   FLAGGED

This study utilizes the **World Marriage Dataset, a** comprehensive dataset detailing **marital status by age and sex for 232 countries or regions from 1970 to 2019**

Top web match

This World Marriage Dataset provides **a** comparable and up-to-date set of data on the **marital status** of the population **by age and sex for 232 countries or** different **regions** of the world **from 1970 to**…

World Marriage Dataset - Kaggle   https://www.kaggle.com/datasets/dataanalyst001/world-marriage-dataset

2 of 7 passages

Student passage   FLAGGED

World Marriage Dataset provides comprehensive **data on the marital status** such as married, divorced and single **of** populations segmented **by age and sex for 232 countries from 1970 to 2019**

Top web match

This **World Marriage Dataset provides** a comparable and up-to-date set of **data on the marital status of** the population **by age and sex for 232 countries** or different regions of the world **from 1970 to**…

World Marriage Dataset - Kaggle   https://www.kaggle.com/datasets/dataanalyst001/world-marriage-dataset

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3 of 7 passages
Student passage   CITED

This dataset encompasses **world marriage** datasets from 1970 **to** 2019 recorded in **the countries or different regions of the world** with 271605 rows and 9 columns in this dataset.

Top web match

This World Marriage Dataset provides a comparable and up-**to**-date set of data on the marital status of **the** population by age and sex for 232 **countries or different regions of the world** from 1970 to…

World Marriage Dataset - Kaggle   https://www.kaggle.com/datasets/dataanalyst001/world-marriage-dataset

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4 of 7 passages
Student passage   FLAGGED

The age range of the surveyed individualsSex

Top web match

Country: The country of focus. Age Group: **The age range of the surveyed individuals**. **Sex**: The gender of the surveyed individuals.

World Marriage Dataset - Kaggle   https://www.kaggle.com/datasets/dataanalyst001/world-marriage-dataset

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5 of 7 passages
Student passage   FLAGGED

The marital status of the individuals, categorized as either "Divorced" or "Married" or "Single"Data Process

Top web match

Marital Status: **The marital status of the individuals, categorized as either "Divorced" or "Married" or "Single"**. **Data Process**: The method used to collect the data.

World Marriage Dataset - Kaggle   https://www.kaggle.com/datasets/dataanalyst001/world-marriage-dataset

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6 of 7 passages
Student passage   FLAGGED

The method used to collect the data.

Top web match

Marital Status: The marital status of the individuals, categorized as either "Divorced" or "Married" or "Single".
Data Process: **The method used to collect the data**.

World Marriage Dataset - Kaggle   https://www.kaggle.com/datasets/dataanalyst001/world-marriage-dataset

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7 of 7 passages
Student passage   FLAGGED

…effectively grouped countries based on their marriage patterns, utilizing **both the elbow method and silhouette scores to determine the** optimal **number of clusters**

Top web match

We use the k-means approach for clustering in sequential stages of this work. Specifically, we first carry out **both the elbow method and silhouette scores to determine the number of clusters**.

K-Means Clustering Optimization using the Elbow Method and Early
...   https://www.researchgate.net/publication/342857475_K-Means_Clustering_Optimization_using_the_Elbow_Method_and_Early_Centroid_Determination_Based-on_Mean_and_Median

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