**Name: Sushmitha Yelamakonda**

**SID: S555058**

1. How many employees are married?
2. How many employees are divorced?
3. How many employees are single?

Mapper Class:

A screenshot of a computer

Description automatically generated

Reducer Class:

A screenshot of a computer

Description automatically generated

Output :

­A screenshot of a computer

Description automatically generated

1. What is the average salary of employees for each job role?

Mapper Class:

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Reducer Class :

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Output:

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1. What is the average salary of employees for each marital status?

Mapper Class:

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Reducer Class:

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Description automatically generated

Output:

A screenshot of a computer

Description automatically generated

1. What is the average salary of employees for each marital status with respect to each job role?

Mapper Class:

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Description automatically generated

Reducer Class:

A screenshot of a computer

Description automatically generated

Output:

A screenshot of a computer

Description automatically generated