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**Learning and Knowledge Management**

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**Cloud SQL Lab Guide**

1.On the Navigation Menu->select SQL

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2.Click on CREATE INSTANCE

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3.Choose the database engine for the instance

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4.Provide instance ID, password, choose the database version & SQL edition

(Make note of the password which will be used later to the instance using default username root)

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5.Choose the region & zone for the instance

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6.After specifying all the configurations click on CREATE INSTANCE

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7.Instance creation will take few minutes

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8.Once the instance is created select the instance name

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9.Once the instance is created you can manage the instance by editing the configurations, by stopping the instance and deleting the instance

With IMPORT & EXPORT options you can import the sql or csv dump files into the instance and export the tables from the instance

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10.In the overview you can see the connection & configuration details of the instance

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11.In the Users option, you can add the user accounts for the instance. By default root is the username and password to be used which you have given during the instance configuration.

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12.In the Database option, you can see the list of databases available in the instance. Apart from that you can create own database also using CREATE DATABASE option

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13.By entering database name you can create your own database in the instance.

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14.Click on Activate cloud shell to connect to the instance

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15.Once the cloud shell connected enter mysql -u root -p command to connect to the instance using root username.

Enter the password given during the instance configuration.

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