

# USER MANUAL

Step 1: Type “ccs\_user” for the Username and “ccsweb” for the Password to Login.

The login page features a dark green background. In the center is a white box containing the College of Computing Studies logo (a circular seal with 'WMSU' and '2016' inside) and the text 'College of Computing Studies'. Below this is a 'Log in' heading. The login form has two fields: 'Username' with the value 'CSS\_User' and 'Password' with masked characters '\*\*\*\*\*'. A green 'LOGIN' button is at the bottom. In the bottom right corner, there is a Windows watermark that says 'Activate Windows Go to Settings to activate Windows.'

Step 2: In the Clustered Data, Upload the “raw\_datasets.csv”.



Step 3: In the Grade Analysis, there are two ways to input grades it's either manual input or import csv in the "HeidiSQL".

### Manual Input:

Manual input requires encoding grades one by one.

The screenshot shows the 'Gender Analysis Web App' interface. On the left is a sidebar with navigation links: Dashboard, About, Factors, Clustered Data, Programming Evaluation, and Grade Analysis (highlighted). The main area is titled 'Grades Datatable' and contains a table with 11 rows and 9 columns. The columns are: No., Student ID, C++, Java, Information Management, Object Oriented Programming, Python, MYSQL, and Web Development. The table contains numerical data for the first two rows and empty input boxes for the remaining rows. A search bar for 'Search Student ID' is at the top of the table. In the bottom left corner, there is a note: 'Recent Uploaded Data May 10, 2023 9:08 PM (row\_data.csv)'.

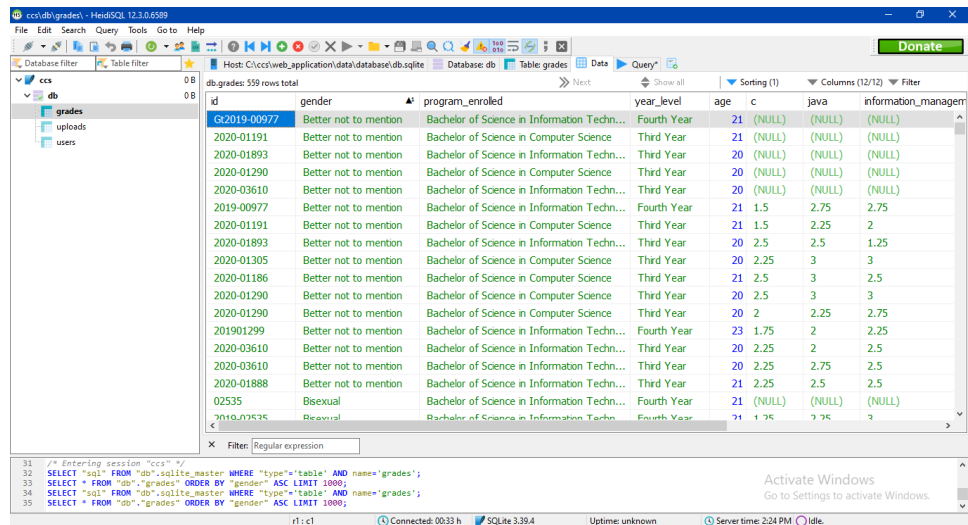
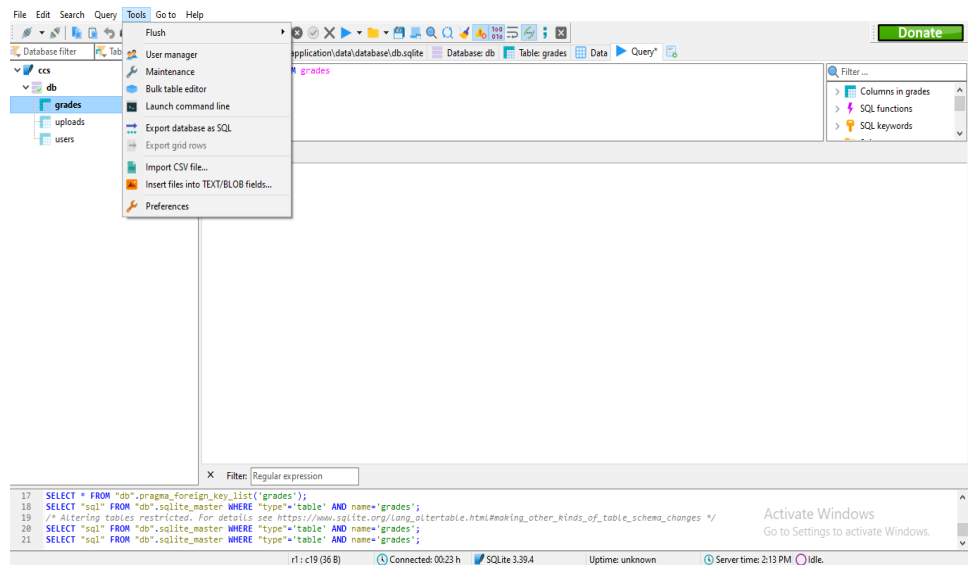
No.	Student ID	C++	Java	Information Management	Object Oriented Programming	Python	MYSQL	Web Development
1	201900347	1.75	1.75	2.5	2.5	2.25	2.75	2
2	2019-00353	3	3	2.75	2.25	1.75	3	2.25
3	2019-00665							
4	2019-00603							
5	02535							
6	G201901236							
7	2017-00379							
8	2019-00682							
9	201902018							
10	2019-00972							
11	sm2014-01112							

### To import csv file in "HeidiSQL":

- Open "ccs" folder

The screenshot shows the 'HeidiSQL 12.3.0.6589 - Session manager: ccs' window. The 'Session name' list on the left contains 'ccs' with host 'C:\c...'. The right pane shows the configuration for the 'ccs' session. The 'Network type' is set to 'SQLite', the 'Library' is 'sqlite3.dll', and the 'Database filename(s)' is 'C:\ccs\web\_application\data\database\c...'. There are checkboxes for 'Prompt for credentials' and 'Use Windows authentication', both of which are unchecked. The 'User', 'Password', and 'Port' fields are empty. The 'Databases' dropdown is set to 'Databases:'. The 'Comment' field is empty. At the bottom, there are buttons for 'New', 'Save', 'Delete', 'Open', 'Cancel', and 'More'.

- In tools import “grade.csv”, after clicking it just refresh to see the data.



- Going back to System and refreshing Grade Analysis will show the Grades Datatable and the Grade Analysis automatically.

Gender Analysis Web App Admin User Logout

Dashboard

About

Factors

Clustered Data

Programming Evaluation

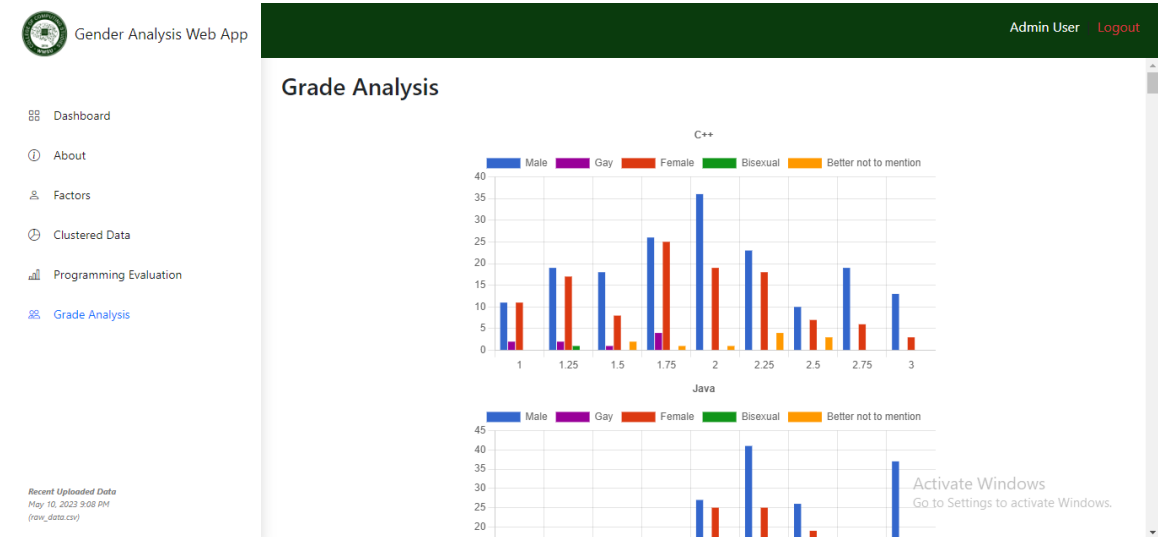
Grade Analysis

Recent Uploaded Data  
May 10, 2023 9:08 PM  
(row\_data.csv)

### Grades Datatable

Search Student ID

No.	Student ID	C++	Java	Information Management	Object Oriented Programming	Python	MYSQL	Web Development
1	2019-00347	1.75	1.75	2.5	2.5	2.25	2.75	2
3	2019-00353	3	3	2.75	2.25	1.75	3	2.25
4	2019-00685	1.5	3	3	2	1.5	3	2
5	2019-00603	2.5	2.5	2.75	2	2	2.5	2
6	2019-01236	1.25	1.25	1.75	2.25	1.75	2	1.25
7	2019-00682	2.5	3	2	2.75	1.75	3	2
8	20190-2018	2.25	2	2.5	2.25	2.5	2.5	1.75
9	2019-00972	2.25	2	2.5	2.25	2.5	2.75	1.75
10	sm2014-01112	2.25	2	2.25	2	2.75	3	2
11	2019-00341	2.5	3	1.75	3	1.25	3	1.75
12	2019-00650	1.75	1.75	2	2.75	2.25	2.25	2

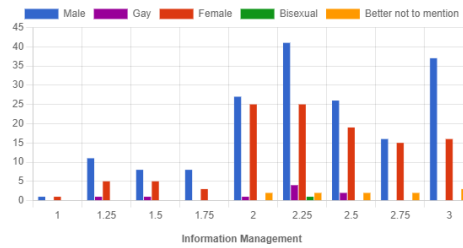




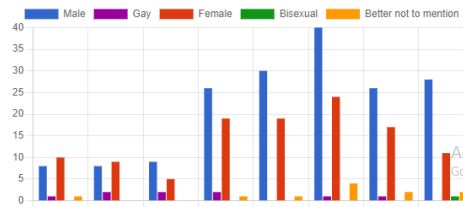
- Dashboard
- About
- Factors
- Clustered Data
- Programming Evaluation
- [Grade Analysis](#)

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### Java



### Information Management



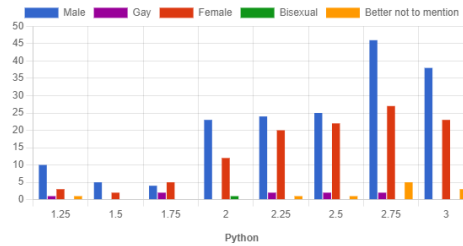
Activate Windows  
Go to Settings to activate Windows.



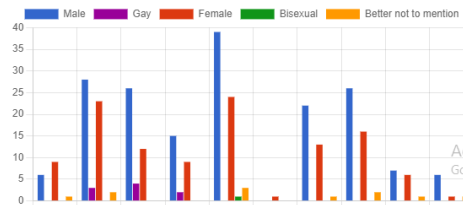
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### Object Oriented Programming



### Python



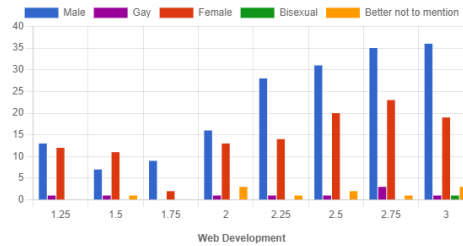
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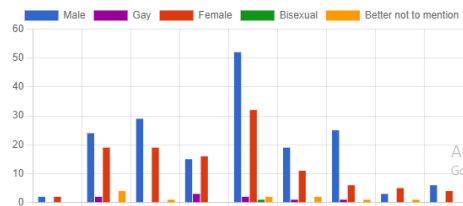
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### MYSQL



### Web Development



Activate Windows  
Go to Settings to activate Windows.