

User Guide on JomCapai's Dashboard Application

Would only highlight the important sections to be focused on for each application tab

[MOST IMPORTANT!!]

Please select on whether you will access this dashboard as a student or non-student (i.e., lecturer and course administrator)

Performance Dashboard for An Intro Course In Data SC!

ARE YOU A STUDENT?? ☒ YES ☐ NO

STUDENTS ACCESS

Only works for "Past Results" (except students' performance) & "Student Corner" tab

Past Results:

Click "+" to expand the option. You could view the lifetime results in terms of absolute numbers or percentages.

Lifetime Results

Click "+" to choose your desired display of number

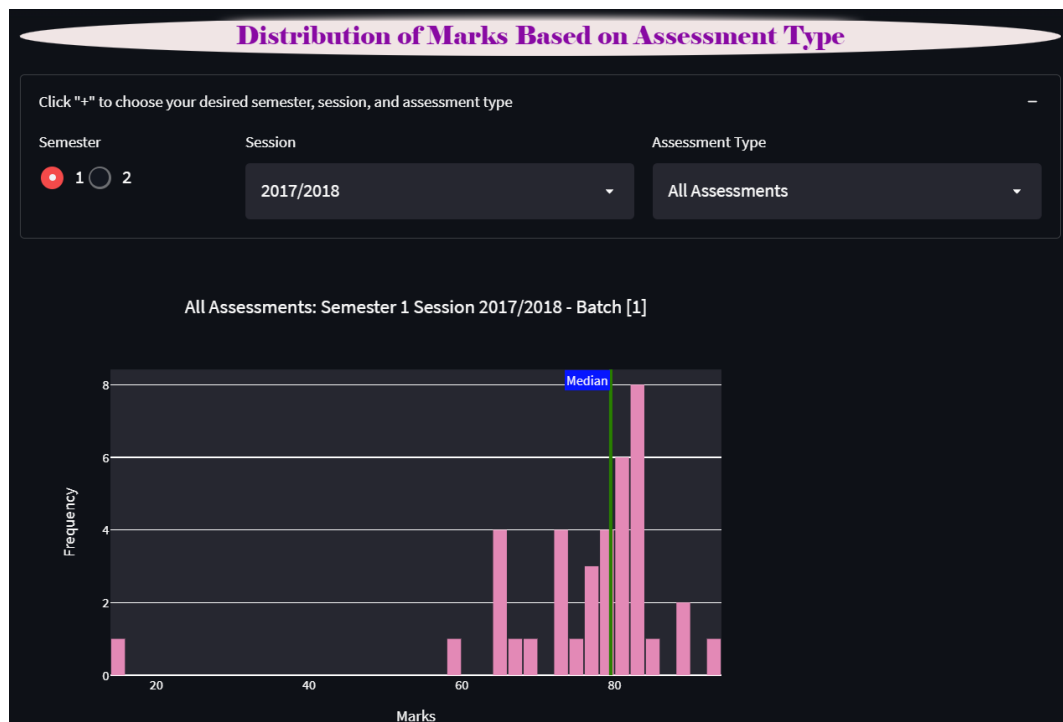
View As: ☒ Absolute Number ☐ Percentage

Total Students	Pass with Distinction	Pass	Fail
504	228	466	38

View As: ☐ Absolute Number ☒ Percentage

Total Students	Pass with Distinction	Pass	Fail
100%	45.2%	92.5%	7.5%

Click "+" to expand the options in choosing the semester, session, and assessment type. A histogram would be populated along with the median line.



Student Corner:

This section is to assume when a particular student logs into the system based on his or her details. Click “+” to expand the options in choosing the semester, session, and roll number. You’ll be able to view your actual marks, bullet chart, and radar chart.

Please login with your details..

Click "+" to view more options

Semester: ☒ 1 ☐ 2 Session: 2017/2018 Roll No.: PDS001

Similar to lifetime results mechanism from “Past Results” tab.

Click "+" to choose your desired display of number

View As: ☒ Absolute Number ☐ Percentage

Assignment (10%)	Midterm (20%)	Online Participation (10%)	Group Project (20%)	Finals (40%)
8.0	14.7	10.0	14.0	33.6

Adjust the slider to set your target. A message box would indicate the following.



LECTURER OR COURSE ADMINISTRATOR ACCESS

Works for all tabs except “Student Corner” tab

Past Results:

Above segments from “Past Results” tab is similar to this section except student’s detailed performance which would only be explained below

A: Column sorting; B: Row filter based on criteria set by column; C: Page navigator

Click "+" to view the table

	↓ ▾ B..		Semester	Session	Roll No.	Assignn
<input type="checkbox"/>	3	A	1	2018/2019	PDS080	
<input type="checkbox"/>	3		1	2018/2019	PDS081	
<input type="checkbox"/>	3		1	2018/2019	PDS082	
<input type="checkbox"/>	3		1	2018/2019	PDS083	
<input type="checkbox"/>	3		1	2018/2019	PDS084	
<input type="checkbox"/>	3		1	2018/2019	PDS085	
<input type="checkbox"/>	3		1	2018/2019	PDS086	
<input type="checkbox"/>	3		1	2018/2019	PDS087	
<input type="checkbox"/>	3		1	2018/2019	PDS088	

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Search...

Batch ▾

Equals

2

☐ AND ☒ OR

Equals

3

Semester

Session

Filters

Columns

D: Column selection for display; E: Column rearrangement

Click "+" to view the table

↓ B...	Semester	Session	Roll No.	Assignment	Pivot Mode
<input type="checkbox"/> 3	1	2018/2019	PDS080		
<input type="checkbox"/> 3	1	2018/2019	PDS081		
<input type="checkbox"/> 3	1	2018/2019	PDS082		
<input type="checkbox"/> 3	1	2018/2019	PDS083		
<input type="checkbox"/> 3	1	2018/2019	PDS084		
<input type="checkbox"/> 3	1	2018/2019	PDS085		
<input type="checkbox"/> 3	1	2018/2019	PDS086		
<input type="checkbox"/> 3	1	2018/2019	PDS087		
<input type="checkbox"/> 3	1	2018/2019	PDS088		

☒ Search...
☒ Batch
☒ Semester
☒ Session
☒ Roll No.
☒ Assignment
☒ Midterm
☐ Row Groups
 Drag here to set row groups

☒ Values
 Drag here to aggregate

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Click on the checkboxes to populate a new list of summarized tables. It can be done for multiple students simultaneously.

Batch	Semester	Session	Roll No.	Assignment	Midterm	
<input type="checkbox"/> 1	1	2017/2018	PDS001	8	14.7	
<input type="checkbox"/> 1	1	2017/2018	PDS002	7	13.3	
<input checked="" type="checkbox"/> 1	1	2017/2018	PDS003	7	16.3	
<input type="checkbox"/> 1	1	2017/2018	PDS004	7	14.7	
<input type="checkbox"/> 1	1	2017/2018	PDS005	7	16.7	
<input checked="" type="checkbox"/> 1	1	2017/2018	PDS006	10	16	
<input type="checkbox"/> 1	1	2017/2018	PDS007	8	15.3	
<input checked="" type="checkbox"/> 1	1	2017/2018	PDS008	9	18	
<input type="checkbox"/> 1	1	2017/2018	PDS009	8	17.7	

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Your confirmed list of students..


	Semester	Session	Roll No.	COURSEWORK	FINALS	TOTAL MARKS	GRADE
0	1	2017/2018	PDS003	48.3	34.4	82.7	A
1	1	2017/2018	PDS006	51.0	32.8	83.8	A
2	1	2017/2018	PDS008	53.0	35.2	88.2	A

Predict Grades:

Click "+" to expand file uploader. Upload according to the correct format. If you do not have your own data, do download the dummy data for testing purposes.

Please upload existing results here for your current batch of students..

Click "+" to open file uploader platform

 Drag and drop file here
Limit 200MB per file • XLSX

Browse files

NO DATA?? Click on this [link](#) to download an Excel dummy data for the current batch of students.

File format would be **Excel** while column names follow the picture below. Not adhering to this format would result in a failure of the prediction model.

A	B	C	D	E
Roll No.	Assignment	Midterm	Online Participation	Alternative Assessment 01
1	9.0	14.3	10.0	18.0
2	9.0	16.7	10.0	14.0
3	8.0	17.0	10.0	14.0
4	7.0	17.0	8.0	18.0
5	9.0	13.0	10.0	15.0

Choose the type of action that suits your need towards your students. Data would be populated in the table accordingly. Similarly, you may click on the checkboxes to select multiple targeted students.

What actions do you plan to take??

Engage (At-Risk)

Huge effort is required! Please proceed to the list of past students under the "Past Results" tab and engage a few top students to be peer tutors.

Choose the list of students that you wish to target..

Roll No.	Assignment	Midterm	Online Participation	Alternative Assessment 01	Predicted GP & AA2	Predicted Ma
<input type="checkbox"/> NEW008	10	0	5	0	-2.1	1
<input type="checkbox"/> NEW015	8	12.4	8.8	12	25.8	1
<input checked="" type="checkbox"/> NEW018	0	17.6	5	0	-2.8	1
<input checked="" type="checkbox"/> NEW019	7	8	7.5	12.3	24.7	5
<input checked="" type="checkbox"/> NEW020	7	14.8	8.8	11.3	26.6	6
<input type="checkbox"/> NEW021	4	10	8	19	28.3	6
<input type="checkbox"/> NEW038	8	15.6	8	15	22.8	6

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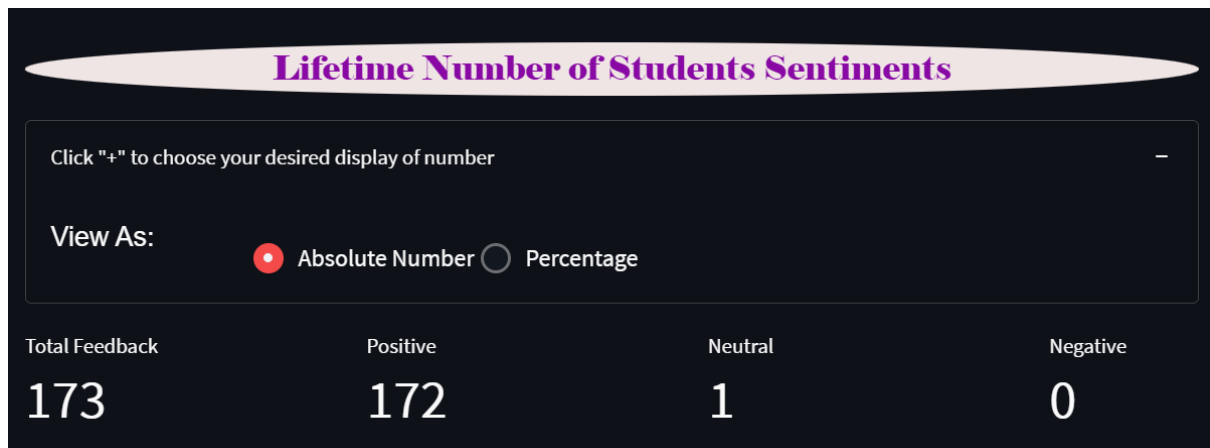
Your confirmed list of students..

	Roll No.	Predicted Marks	Predicted Grade
0	NEW018	19.8	F
1	NEW019	59.5	C+
2	NEW020	68.5	B

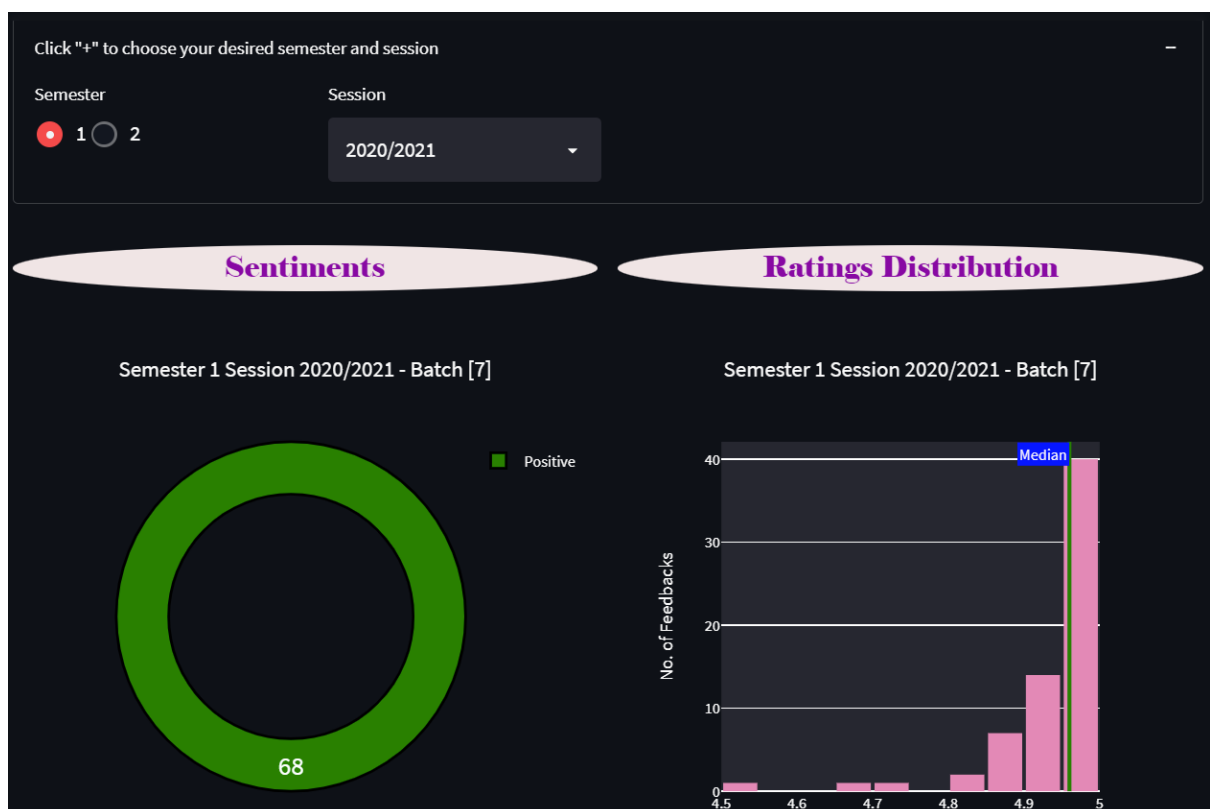
Also, if the action requires you to engage past students, do refer to the table in “Past Results” tab and do the same by selecting targeted students from the checkboxes.

Sentiments:

Similar to lifetime results mechanism from “Past Results” tab.



Click “+” to expand the options in choosing the semester and session. You’ll be able to view bar chart and histogram initially.



Extend your search by choosing your desired sentiment. Data would be populated. Do adjust the slider to filter for your desired rating range. Also, click on the checkbox to select a student to focus on [\(no multiple selection is allowed here\)](#).

Choose your desired sentiment.. ☒ Positive ☐ Neutral ☐ Negative

Click "+" to view the Wordcloud // Individual Feedback & Rating Visualizations +

Choose your desired rating range & matric no..
Results would be populated at the top right..

3.50 4.66 4.96 5.00

Matric No.	Feedback
<input type="checkbox"/> 17218788	Thank you for the second chance! Hi Dr, i think you re...
<input checked="" type="checkbox"/> S2016012	Wonderful Starter for Data Science. Dear Dr Salimah, ...
<input type="checkbox"/> 17220137	I Can't Thank You Enough Dr!!!! My words can't thank ...
<input type="checkbox"/> 17055182	Thank you! Dear Dr Salimah, First and for most, I woul...
<input type="checkbox"/> S17216146	A Big Salute to Dr.Salimah!!!! Dear Dr. Salimah, First o...
<input type="checkbox"/> 17083991	Learning + Attitude + Communication. Thank you Dr. S...
<input type="checkbox"/> S2001734	Learnt a lot! Technically this is my (& everyone else's) ...

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Click "+" to view the word cloud, individual feedback, and rating visualization. Follow the instructions. [\(Note: Word cloud consist of the whole batch, not individual selection\)](#).

Click "+" to view the Wordcloud // Individual Feedback & Rating Visualizations +

Wordcloud: Positive

Feedback & Rating

Matric No: S2016012

Hover over to read full feedback..

Feedback
0 Wonderful Starter for Data Science. Dear Dr Salir

Rating: 4.92