

WELCOME TO OUR PORTAL

What We Expect From This Reports....?

- > Students Performance
- > Faculty Performance
- > Marks Analysis For Every Subject
- > Academic Calendar
- > Placement Analysis



CLICK HERE



Academic Activity Analysis

--- A Data-Driven Approach



STUDENT PERFORMANCE



FACULTY PERFORMANCE



MARKS ANALYSIS PER SUBJECT



ACADEMIC CALENDAR



PLACEMENTS ANALYSIS



INFO



SUPPORT



A B C D E

Cloud Computing Data Analytics Java Full Stack Major Project Maths

1 300



Refresh

Bottom 5

69.9%

Attendance %

300

Total_students

64.05

Class Avg Marks

239

Pass Count

C

Best Section

Top 80% < Performance index Students

student_id	student_name	Performance Index
6	Aman Dwivedi	80.8%
7	Aniket Mewafarosh	90.2%
209	Ashiwini	84.3%
20	Cheekati Johnson	84.8%
21	Daksh Jha	83.3%
26	Himanshu Singhal	82.0%
231	Jai Prakash	81.7%

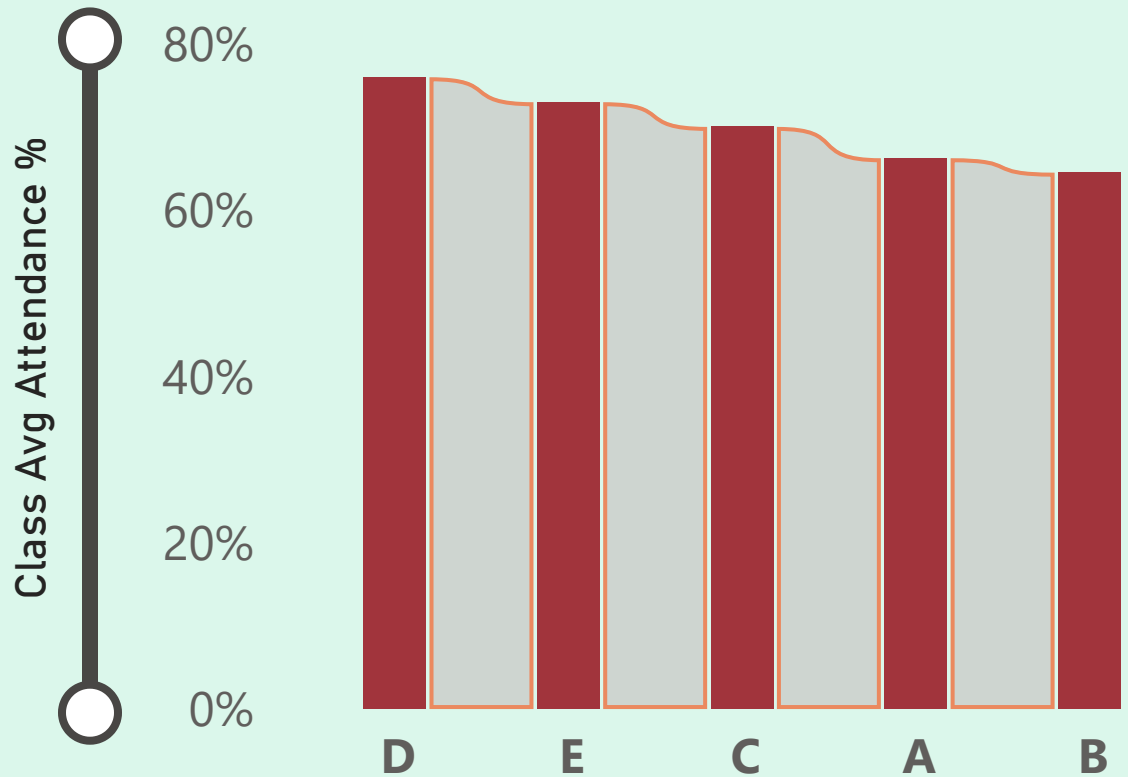
Students Overview

student_id	Attendance %	Total Average Marks	Student Rank
12	76.0%	45	122
250	86.0%	45	121
276	62.0%	46	120
92	34.0%	47	119
153	66.0%	48	118
73	72.0%	50	117
220	66.0%	50	116
184	66.0%	50	115
Total	69.9%	19214	1

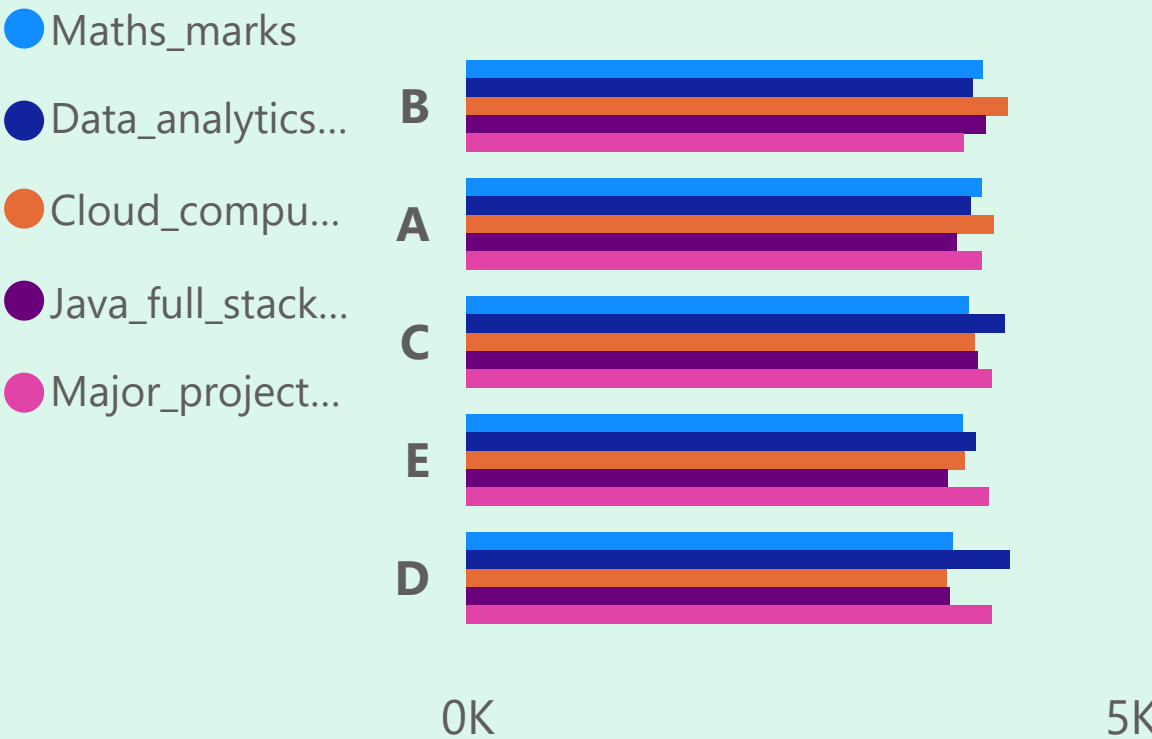
Top & Bottom Students

student_id	student_name	Student Rank
7	Aniket Mewafarosh	1
36	Kishan Singh Tomar	2
233	Ishitha	2
37	Kunal Jha	3
180	Ashwin	4
20	Cheekati Johnson	5

Class Avg Attendance % by section



Section-wise Analysis





A B C D E

Cloud Computing Data Analytics Java Full Stack Major Project Maths

1 300



10
TCC(Faculty)

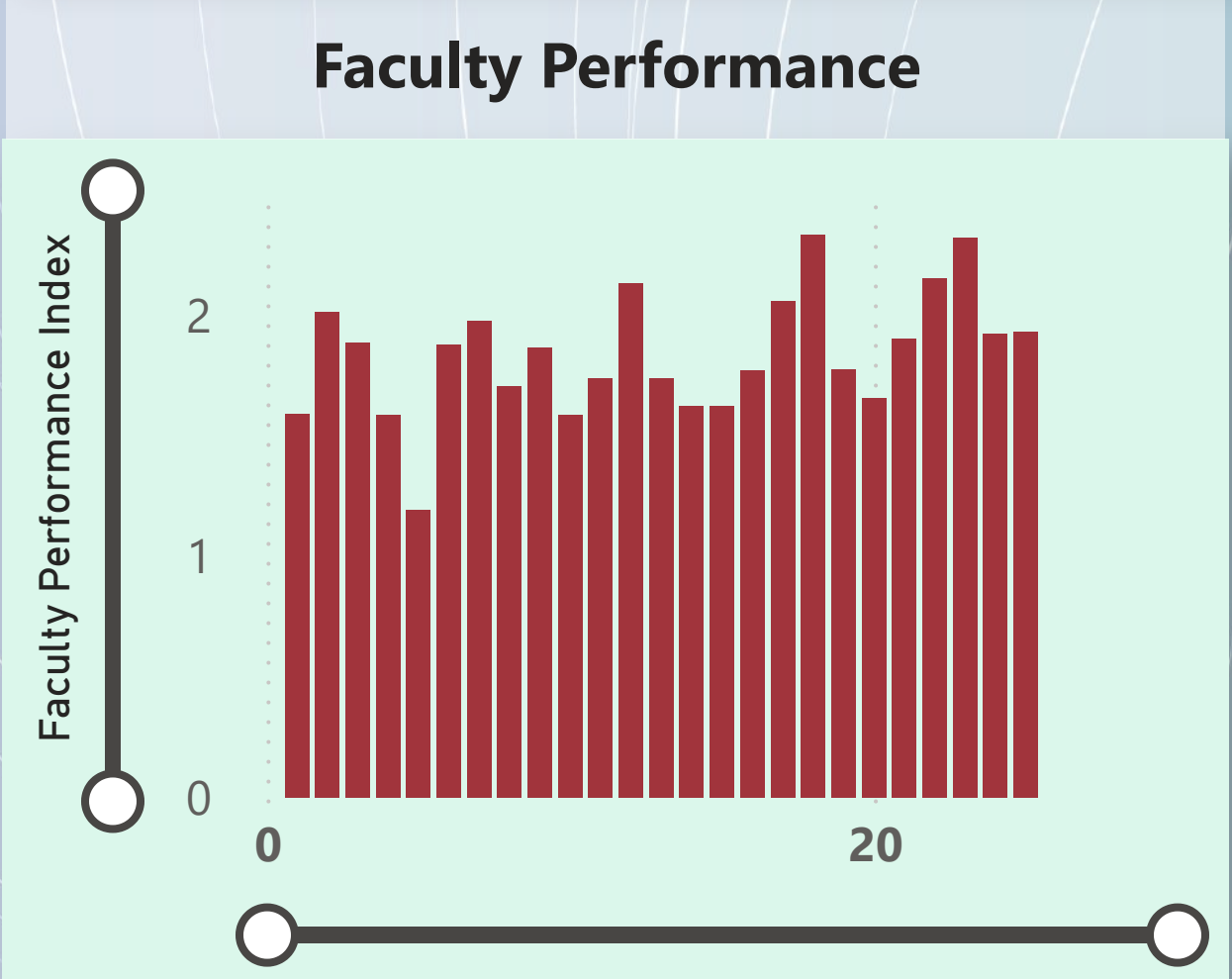
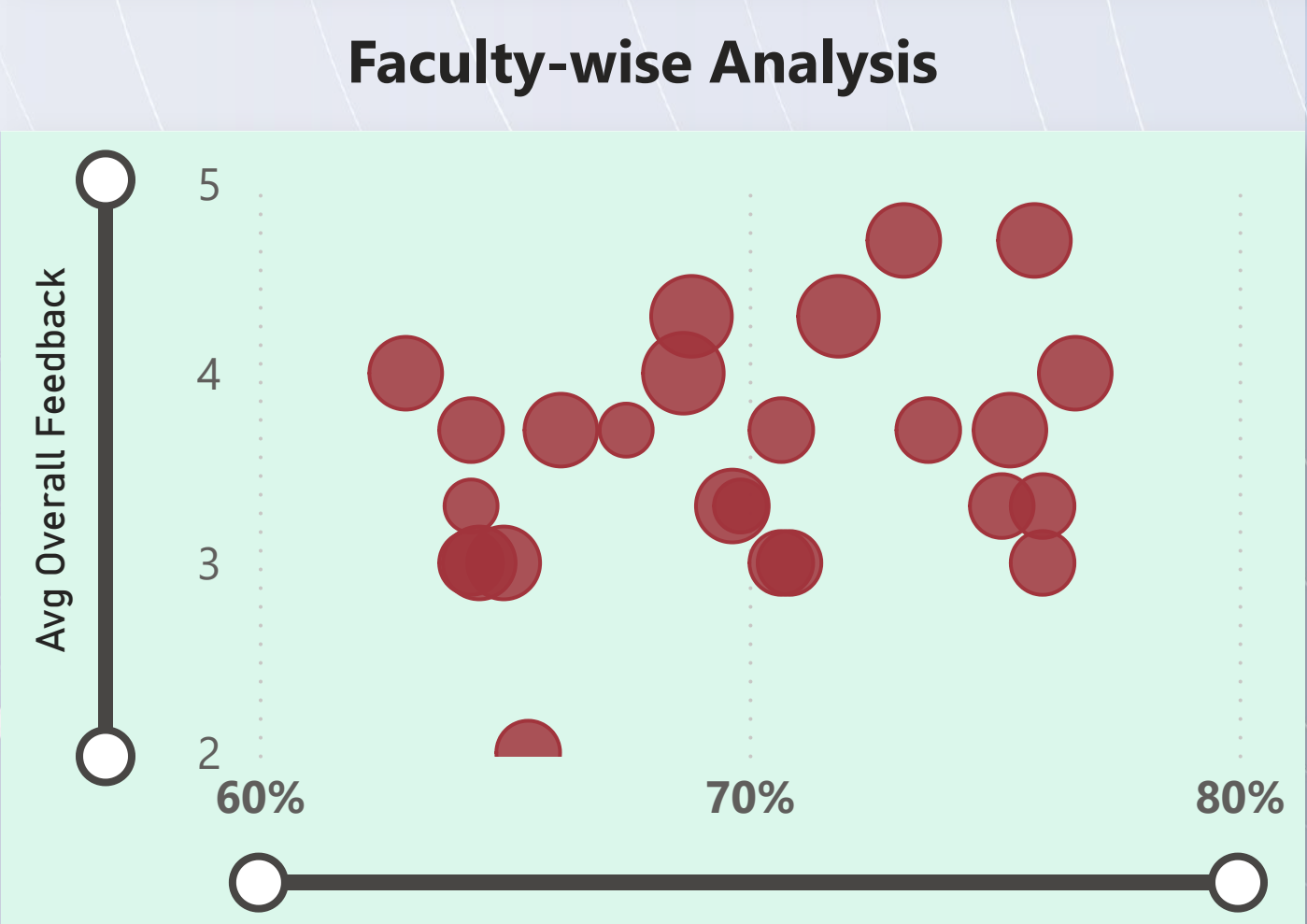
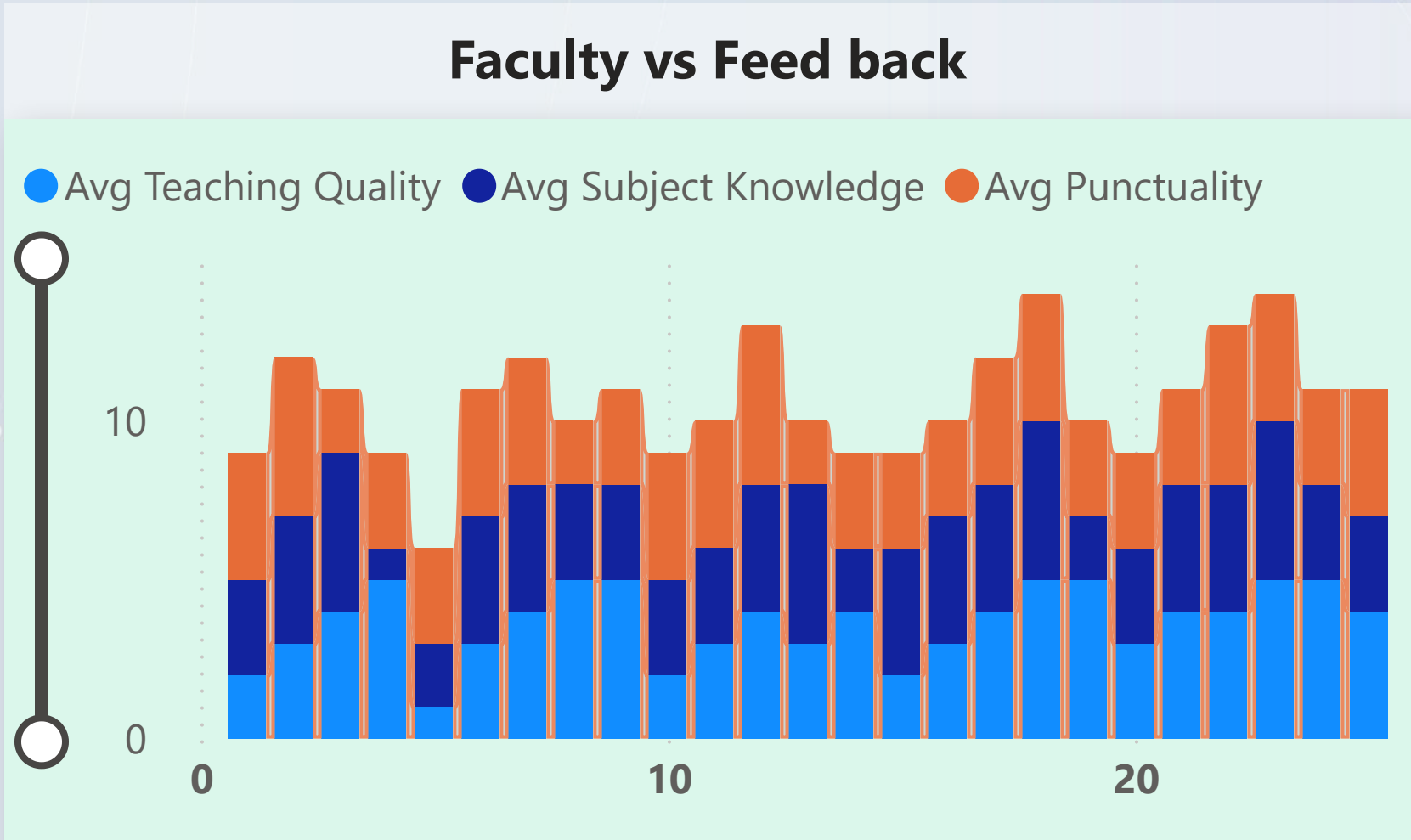
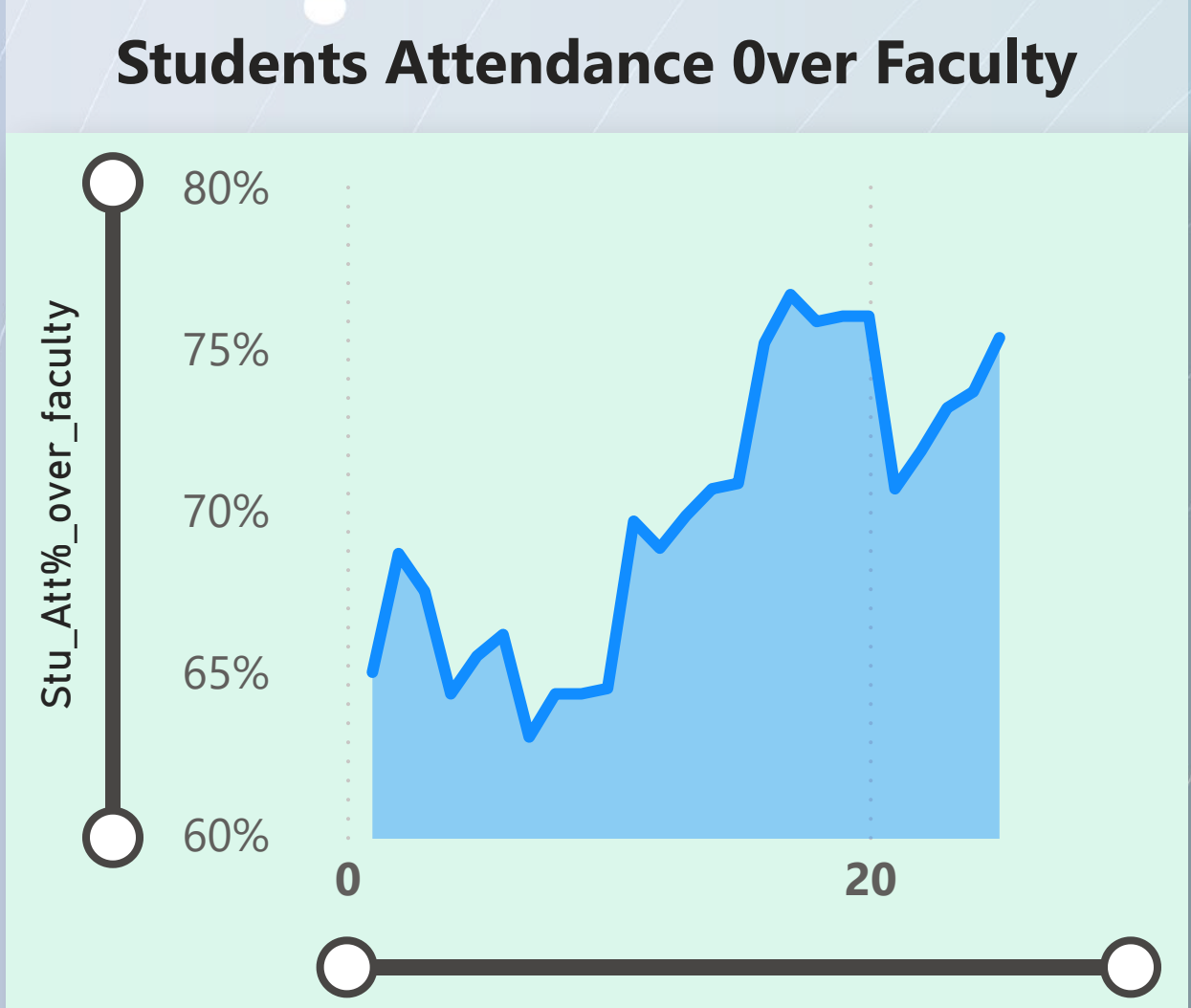
69.9%
SAOF

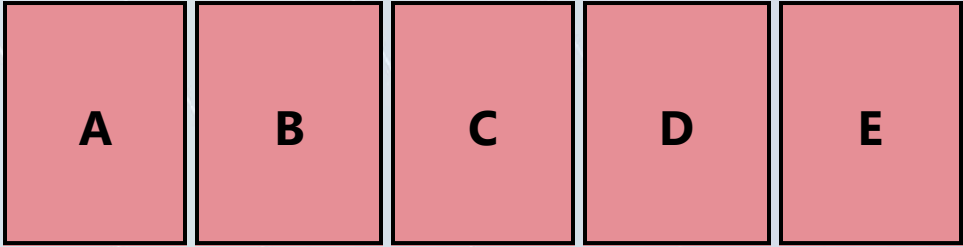
3.55
AOF

1.84
FPI

Kush
Best Faculty

Faculty Overview				
faculty_id	Faculty Performance Index	Faculty Rank	Stu_Att %_over_faculty	Avg Overall Feedback
1	1.59	22	65.0%	3.00
2	2.01	6	68.7%	4.00
3	1.89	11	67.5%	3.70
4	1.59	24	64.3%	3.00
5	1.19	25	65.5%	2.00
6	1.88	12	66.2%	3.70
7	1.98	7	63.0%	4.00
Total	1.84	14	69.9%	3.55





64.05
Class_avg_marks

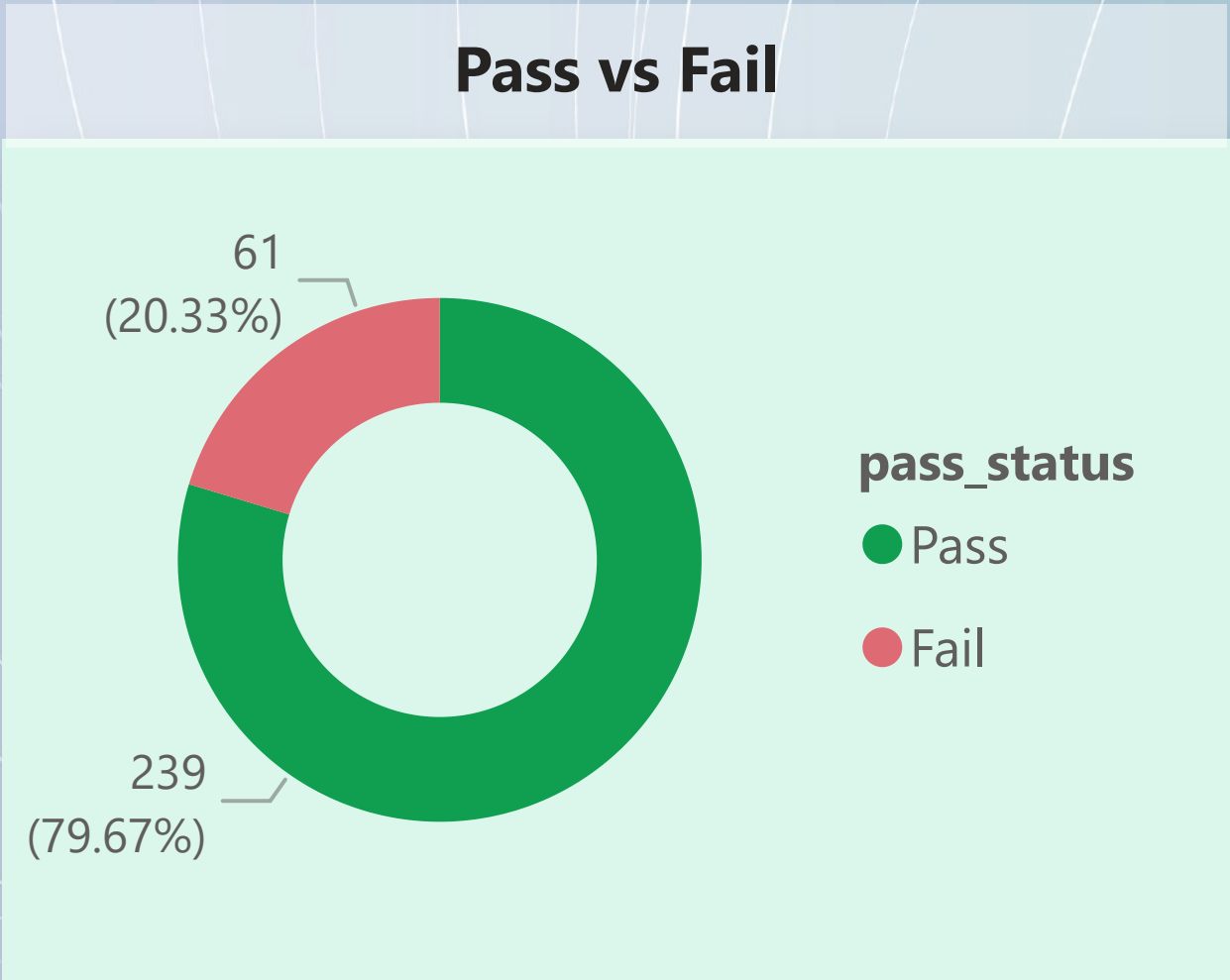
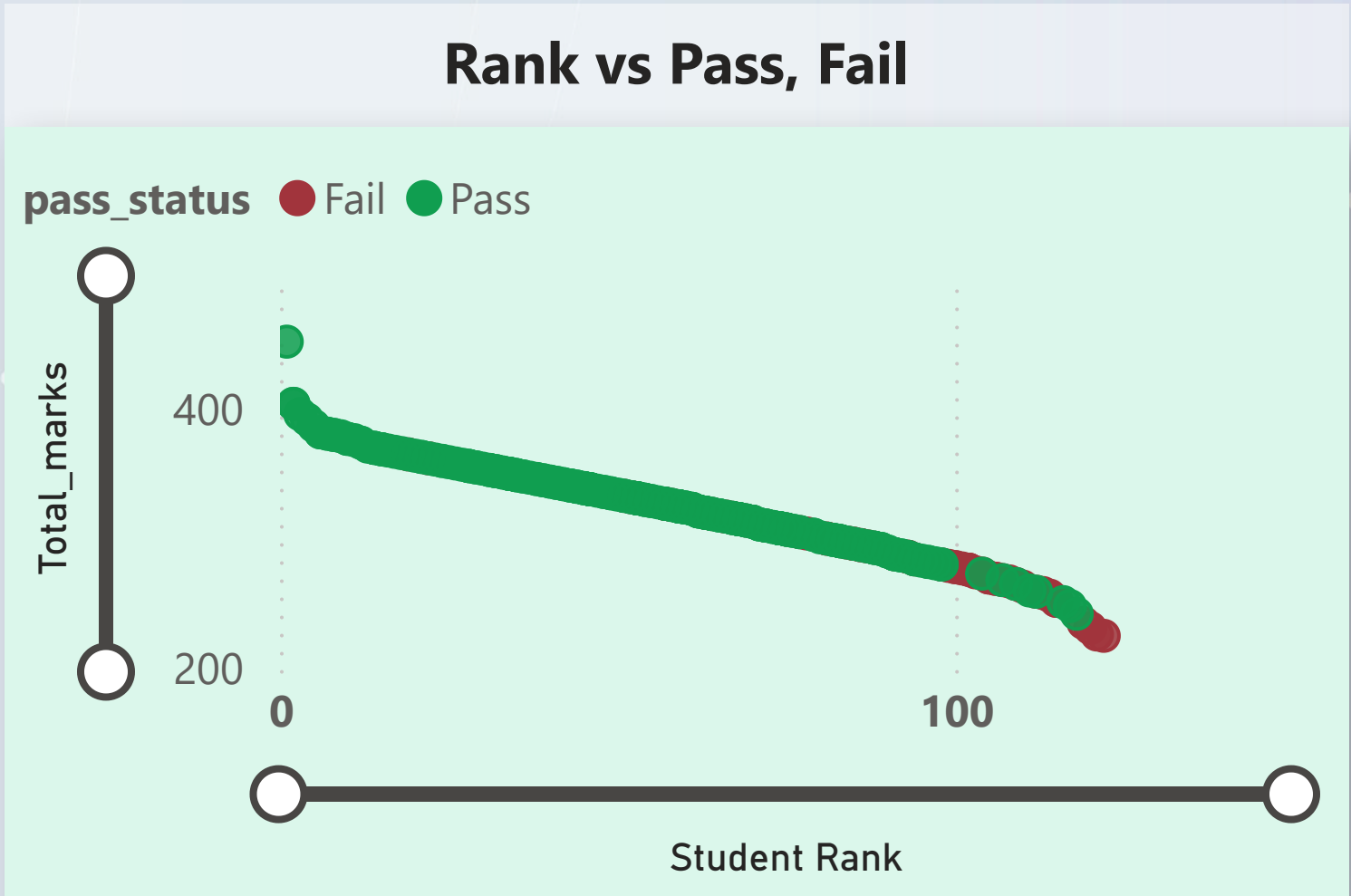
61
Fail_count

79.7%
Pass %

7
Top Student

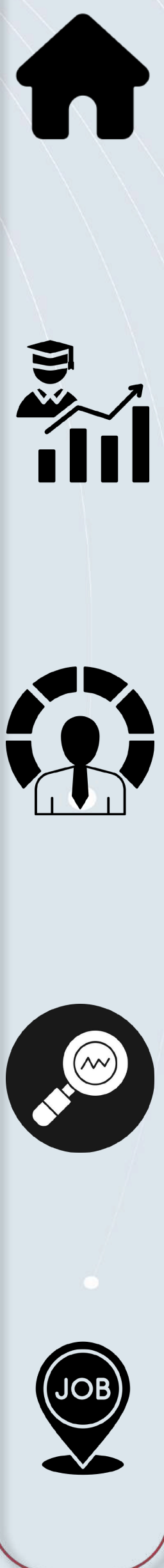
Data Analytics
Best Subject

student_id	student_name	Total_marks	Class_avg_marks	Student Rank
1	Abhinav Singh Bhadauriya	325	65.00	59
2	Aditya Bhadouria	270	54.00	105
3	Ajay Bansal	323	64.60	61
4	Ajay Singh Tomar	300	60.00	81
5	Akansha Sikarwar	318	63.60	65
6	Aman Dwivedi	353	70.60	31
7	Aniket Mewafarosh	452	90.40	1
8	Anil Kumar Reddy Korivi	316	63.20	67
9	Anil Kumar Vennapureddy	263	52.60	110
10	Ankit Kumar	313	62.60	70
11	Ankita Sinha	334	66.80	50
12	Anubhav Sharma	225	45.00	122
13	Anubhav Singh	226	45.20	123



Student Rank : it is based on average marks of each student

Left side buttons helps to navigate to other reports



60
TTD

20
Total Exam Days

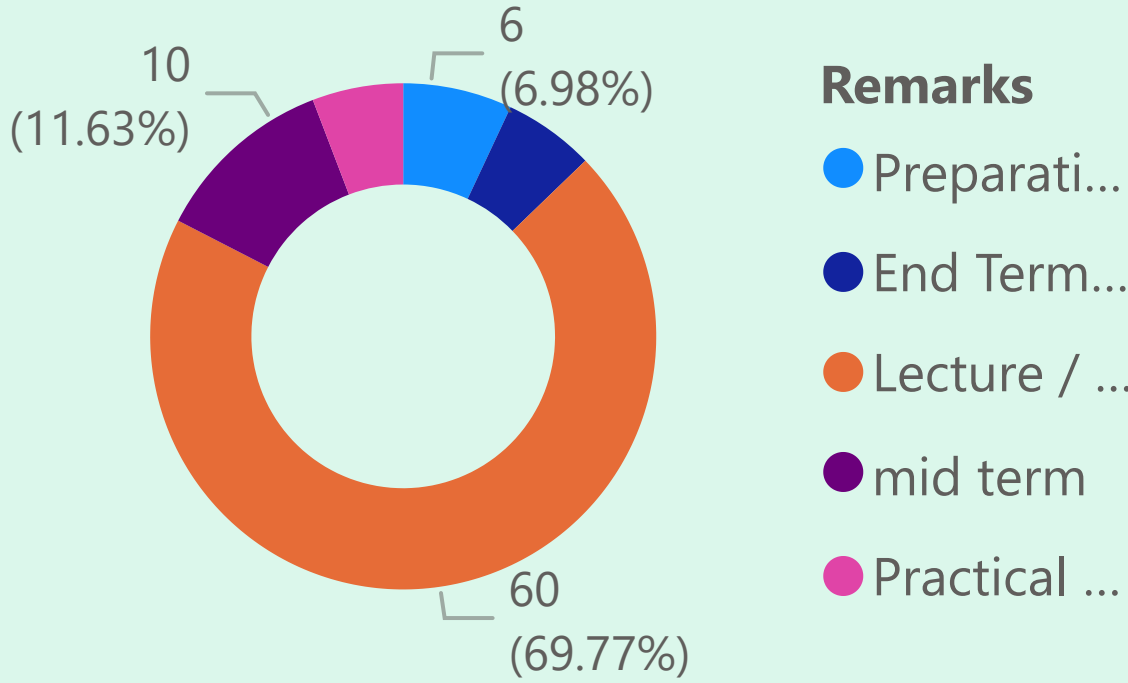
6
PBD

37
THWP

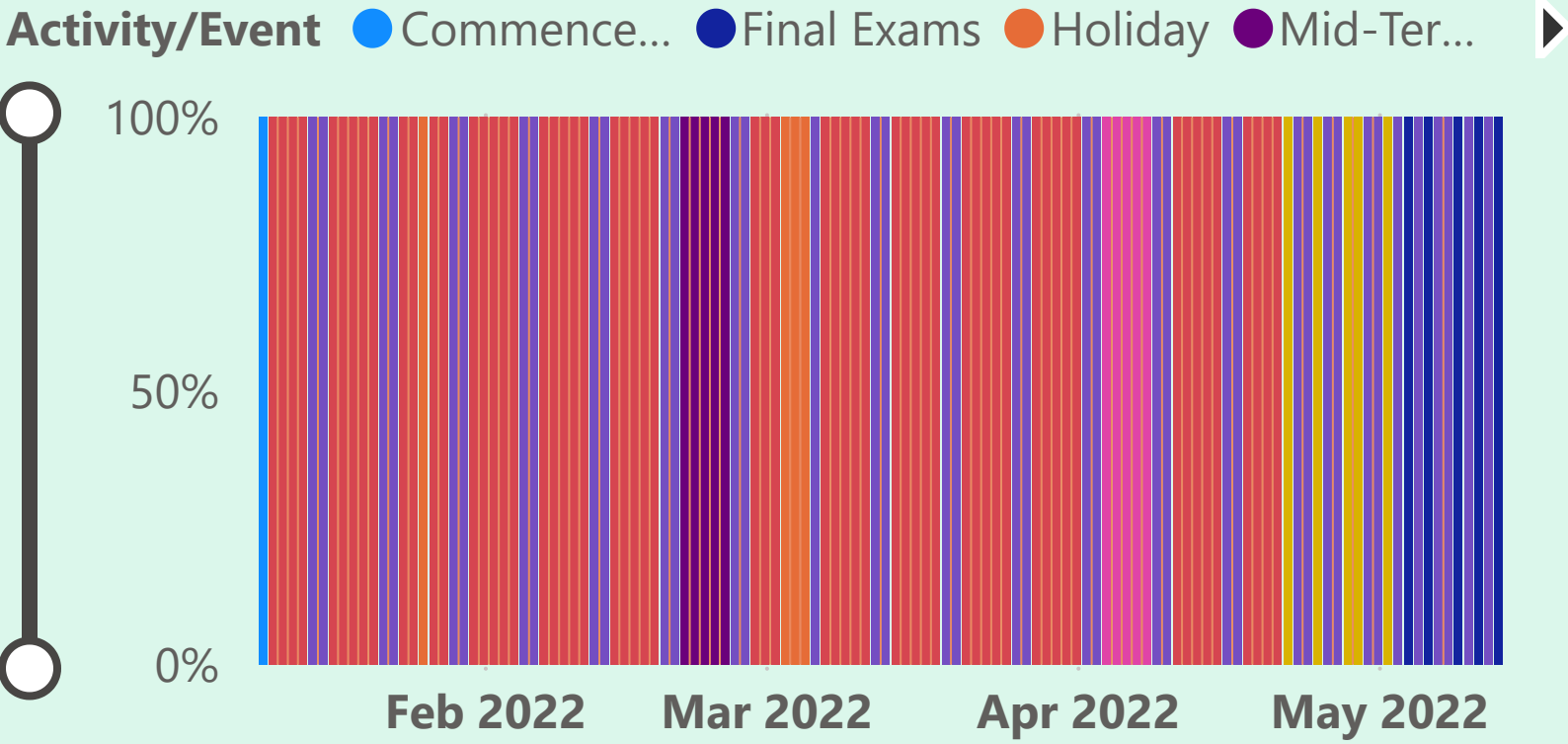
Academic Teaching Days

Date	Activity/Event	Subject	Subject Teaching Days
11-01-2022	Teaching Day	Major Project	1
12-01-2022	Teaching Day	Data Analytics	1
13-01-2022	Teaching Day	Maths	1
14-01-2022	Teaching Day	Java Full Stack	1
17-01-2022	Teaching Day	Cloud Computing	1
18-01-2022	Teaching Day	Major Project	1
19-01-2022	Teaching Day	Data Analytics	1
20-01-2022	Teaching Day	Maths	1
21-01-2022	Teaching Day	Java Full Stack	1
24-01-2022	Teaching Day	Cloud Computing	1
25-01-2022	Teaching Day	Major Project	1
Total			60

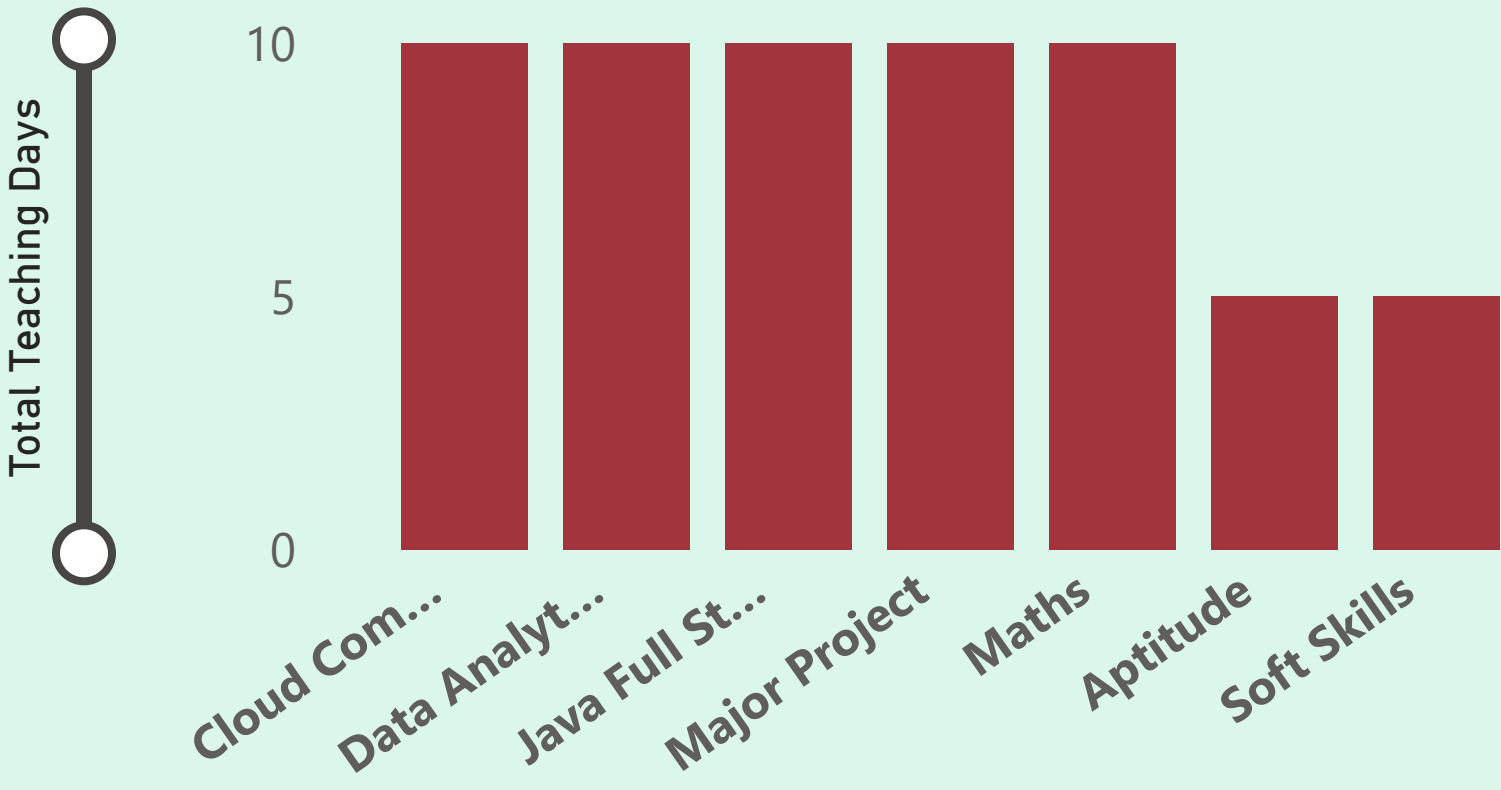
Academic Analysis



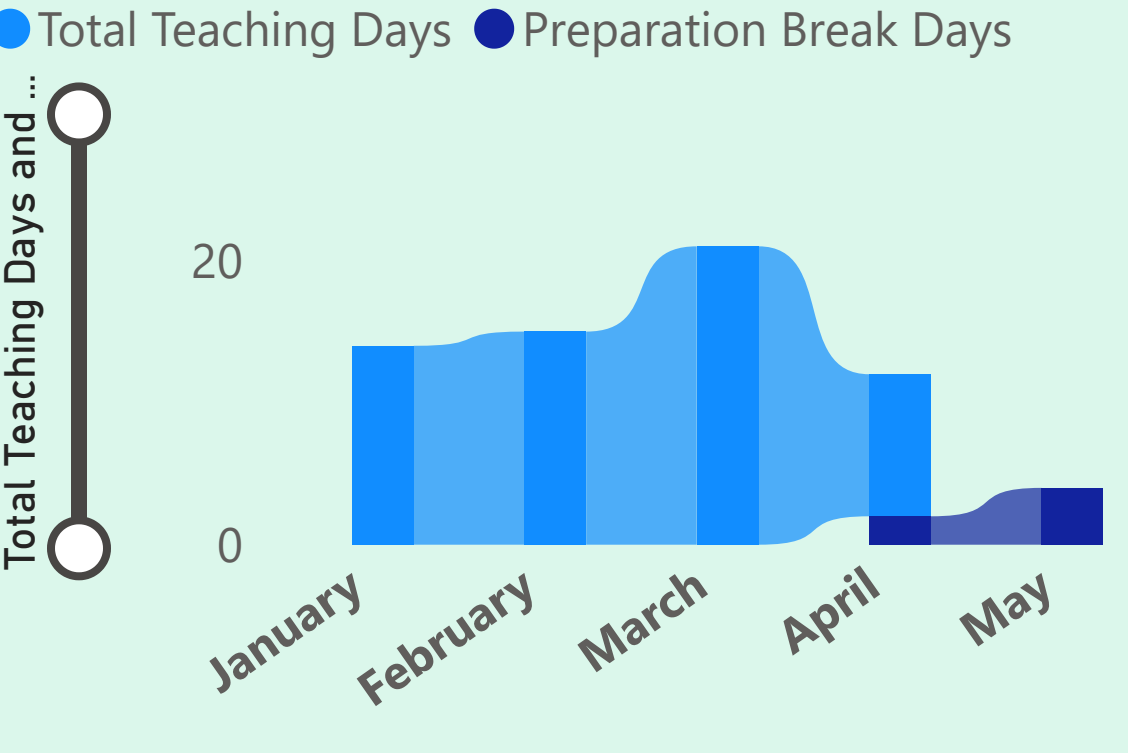
Academic Overview



Subject-wise Classes



Teaching Days vs Preparation Days





A	B	C	D	E
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1.21

Lowest CTC

25.0

Highest CTC

52

Company Count

4.67

Average CTC

70.0%

Placement %

Students Overview

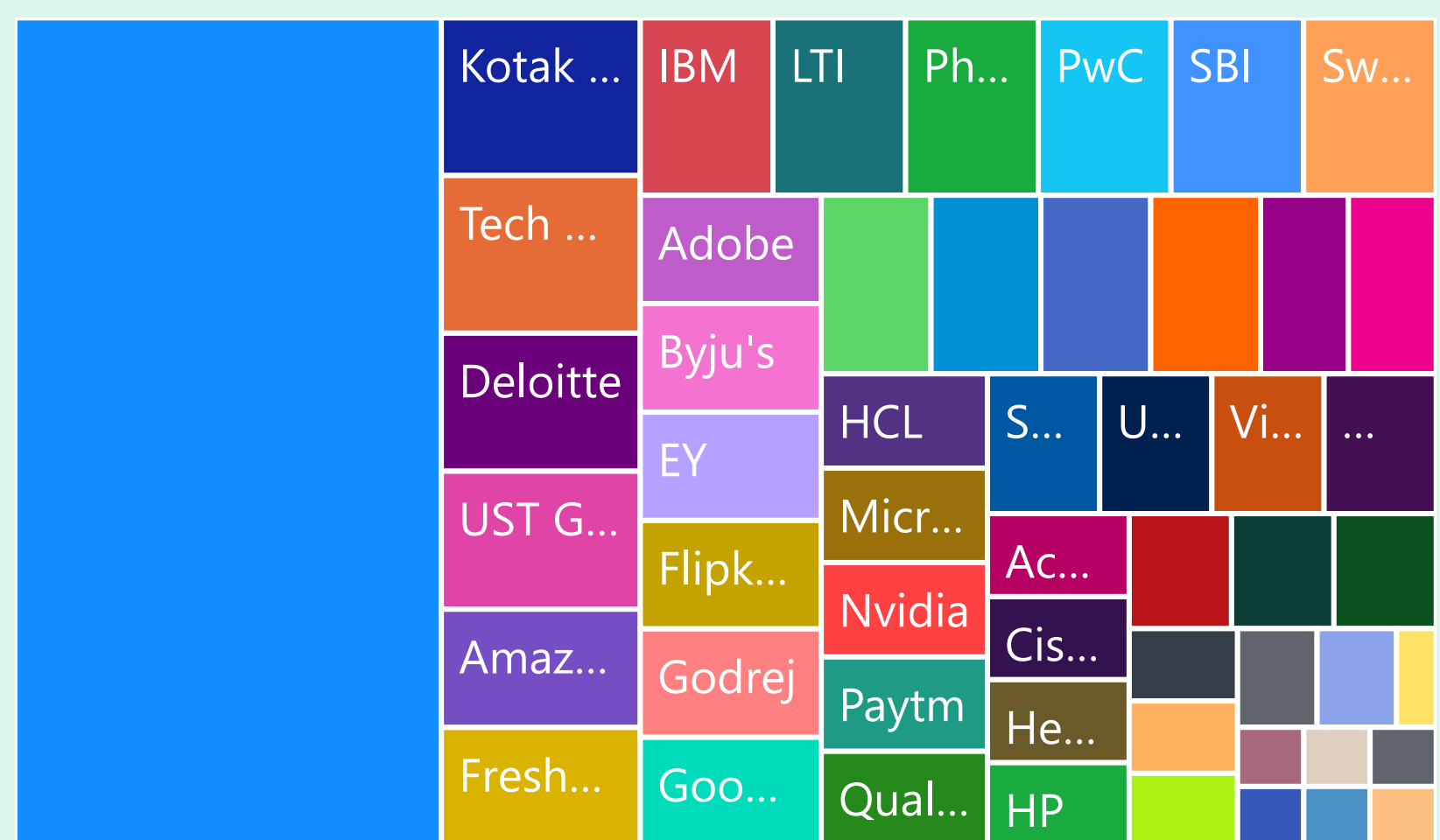
student_name	Sum of CTC
Anil Kumar Reddy Korivi	25.00
Himanshu Upadhyay	16.00
Sapna Dhakar	16.00
Gunjan Yadav	15.00
Sai Pragathi Sagiraju	15.00
Aniket Mewafarosh	12.00
Divya	10.80

Bottom 5

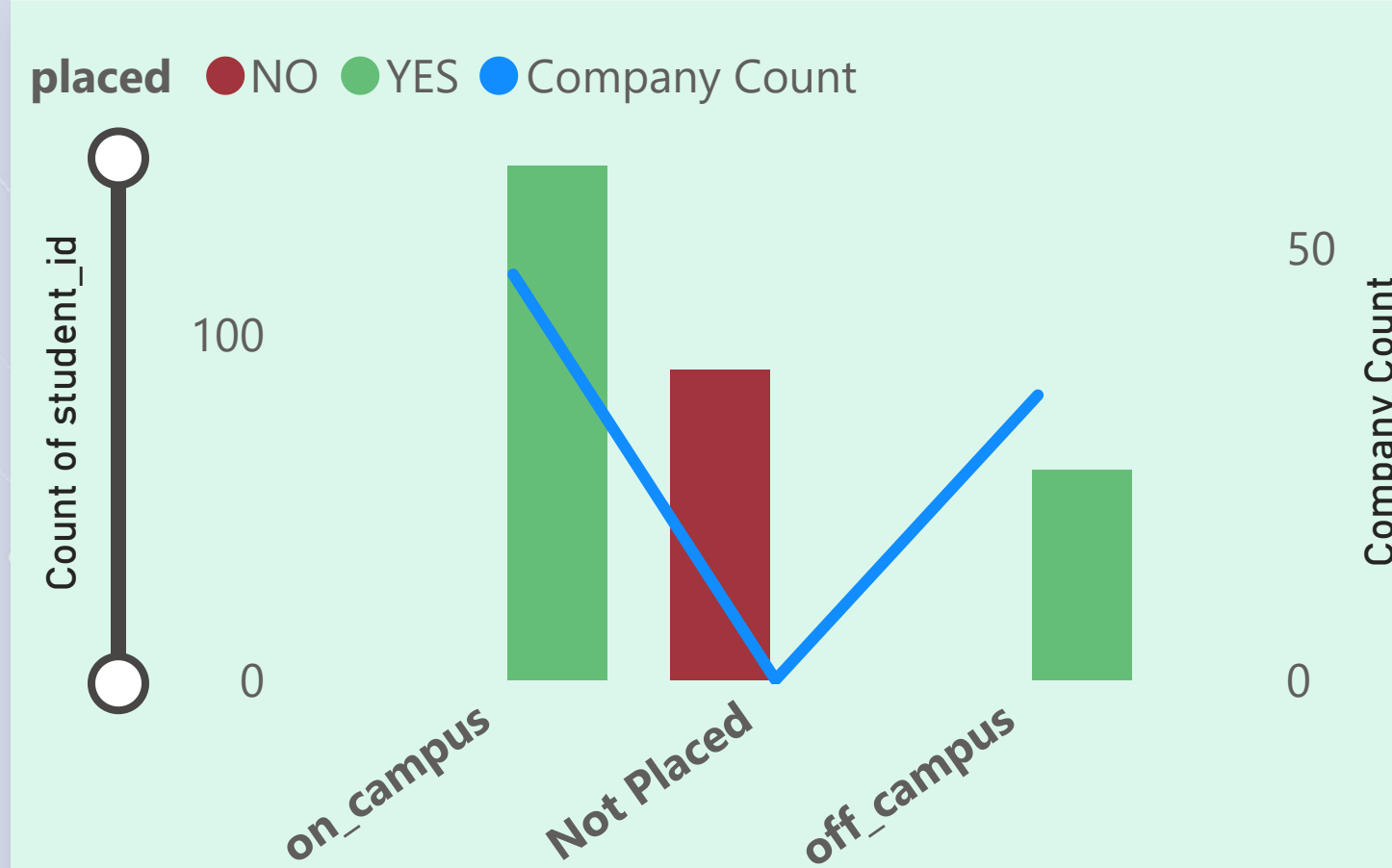
Top & Bottom companies

company_name	Average CTC
Zoho	12.13
Asian Paints	8.84
KPMG	8.69
Persistent	8.67
Adobe	8.19

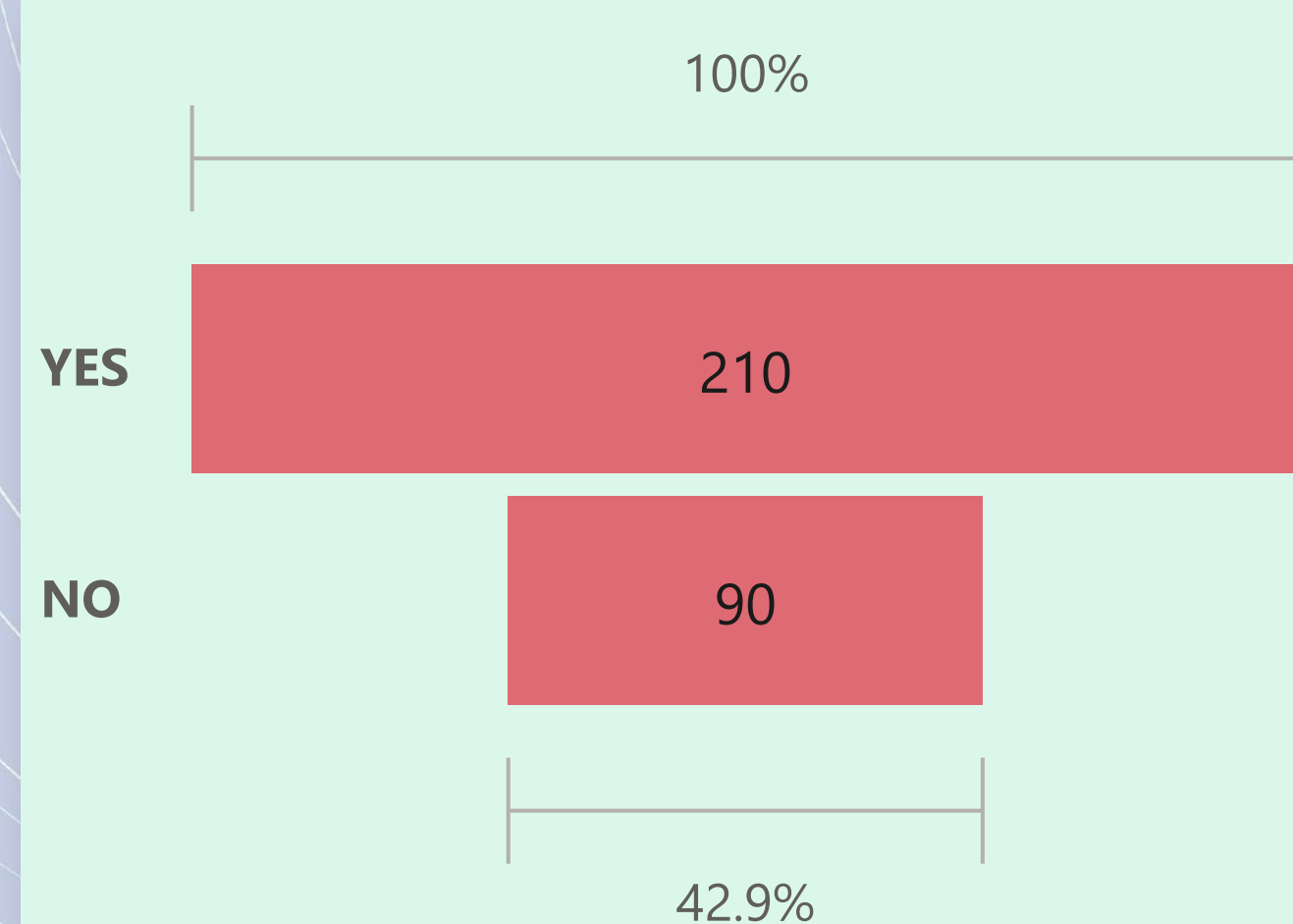
Students placed over companies



Off-campus/on-campus



Students placed performance



Company Count : Companies - 1

coz BI treats unplaced students as one company.....



Higher Authorities Contact Numbers

S No	Name	Position	Contact No
1	Dr. Sanjay Jain	HOD , CSE	+91 9425724658
2	Dr. Nidhi Mam	Deputy Director	+91 9691576153
3	Dr. Vani Agrawal	Director-IQAC	+91 9179288111
4	Dr. Geetanjali Mam	Associate Head	+91 9425772120
5	Dr. Pallavi Khatri	Dean-R&D	+91 8770905231



Different Dax Formulae

----- Student performance -----

```
1.    Best Section =  
VAR MaxAvg = [max_class_avg_marks]  
RETURN  
    MAXX(  
        FILTER(  
            VALUES('fact_student_marks'[section]),  
            [Class Avg Marks] = MaxAvg  
        ),  
        'fact_student_marks'[section]  
    )  
2.    Class Avg Attendance % =  
AVERAGEX (  
    VALUES ( dim_student[student_id] ),  
    [Attendance %]  
)  
3.    Pass Count =  
CALCULATE (  
    COUNTROWS ( fact_student_marks ),  
    fact_student_marks[pass_status] = "Pass"  
) + 0  
4.    Student Rank =  
RANKX (  
    ALL ( dim_student ),  
    [Total Average Marks],  
    ,  
    DESC,  
    DENSE  
)  
5.    Total Classes Conducted Per Faculty =  
CALCULATE(  
    DISTINCTCOUNT(fact_attendance[class_day]),  
    ALLEXCEPT(fact_attendance,fact_attendance[faculty_id])  
)
```

----- Faculty performance -----

```
1.    Best Faculty =  
TOPN (  
    1,  
    VALUES ( dim_faculty[faculty_name] ),  
    [Faculty Performance Index],  
    DESC  
)  
2.    Faculty Rank =  
RANKX (  
    ALL ( dim_subject[faculty_id] ),  
    [Faculty Performance Index],  
    ,  
    DESC,  
    DENSE  
)  
3.    Stu_Att%_over_faculty =  
DIVIDE (  
    SUM ( fact_attendance[attendance] ),  
    COUNTROWS ( fact_attendance ),  
    0  
) |
```



Different Dax Formulae

Marks Analysis

```
1.      Best Subject =
VAR SubjectTable =
    ADDCOLUMNS(
        {
            "Maths",
            "Data Analytics",
            "Cloud Computing",
            "Java Full Stack",
            "Major Project"
        },
        "Marks",
        SWITCH(
            TRUE(),
            [Value] = "Maths", [Avg_maths],
            [Value] = "Data Analytics", [Avg_data_analytics],
            [Value] = "Cloud Computing", [Avg_cloud_computing],
            [Value] = "Java Full Stack", [Avg_java_full_stack],
            [Value] = "Major Project", [Avg_major_project]
        )
    )
VAR MaxMarks =
    MAXX(SubjectTable, [Marks])
2.      Fail_count = CALCULATE(COUNTROWS(fact_student_marks),
fact_student_marks[pass_status] = "Fail")+0
3.      Top Student =
CALCULATE (
    FIRSTNONBLANK ( fact_student_marks[student_id], 1 ),
    TOPN ( 1, fact_student_marks, fact_student_marks[Total_marks], DESC )
)
```

Academic Calendar

```
1.      Preparation Break Days =
COUNTROWS (
    FILTER (
        academic_calendar_2022,
        academic_calendar_2022[Remarks] = "Preparation Break"
    )
)
2.      Subject Teaching Days =
CALCULATE (
    COUNTROWS ( academic_calendar_2022 ),
    academic_calendar_2022[Activity/Event] = "Teaching Day",
    NOT ISBLANK ( academic_calendar_2022[Subject] )
)
3.      Total Holidays with prep =
COUNTROWS (
    FILTER ( academic_calendar_2022, academic_calendar_2022[Activity/Event] = "Holiday"
|| academic_calendar_2022[Activity/Event] = "No Academic Activity")
)
4.      Total Exam Days =
COUNTROWS (
    FILTER (
        academic_calendar_2022,
        academic_calendar_2022[Activity/Event] IN {
            "Mid-Term 1",
            "Mid-Term 2",
            "Practical Exams",
            "Final Exams"
        }
    )
)
```