

KPI's Requirements

1. select count(StudentName) as Total_Students
from student_details;

Results Messages	
Total_Students	
1	10000

2. select avg(CGPA) as Avg_CGPA
from student_details;

Results Messages	
Avg_CGPA	
1	7.532379

3. select avg(package) as AvaragePackage
from student_details
where Placement = 'yes';

Results Messages	
AvaragePackage	
1	13

4. select count(studentname) as Internship
from student_details
where InternshipExperience ='yes';

Results Messages	
Internship	
1	3964

5. select count (placement) as Placed_Students
from student_details
where placement = 'yes';

Results		Messages
	Placed_Students	
1	5068	

Charts Requirements

6. select Placement,
round(count(*) * 100.0 / (select count(*) from student_details), 2) as Percentage
from student_details
group by Placement;

Results		Messages
	Placement	Percentage
1	Yes	50.680000000000
2	No	49.320000000000

7. select CompanyName,count(*) as StudentCount
from student_details
where Placement = 'yes'
group by CompanyName
order by StudentCount desc;

Results		Messages
	CompanyName	StudentCount
1	Microsoft	297
2	Deloitte	283
3	Infosys	282
4	Cognizant	278
5	IBM	276
6	Siemens	259
7	Google	256
8	TCS	255
9	Tech Mahindra	254
10	HCL	251
11	Adobe	249
12	Wipro	248
13	Oracle	247
14	KPMG	244
15	PwC	243
16	Cognizant	243
17	Amazon	238
18	IFIL	230
19	Flipkart	227
20	Accenture	208

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8. select
    case
        when CGPA > 10 then '>10'
        when CGPA >= 9 and CGPA <= 10 then '9 - 10'
        when CGPA >= 8 and CGPA < 9 then '8 - 9'
        when CGPA >= 7 and CGPA < 8 then '7 - 8'
        when CGPA >= 6 and CGPA < 7 then '6 - 7'
        when CGPA >= 5 and CGPA < 6 then '5 - 6'
    else '<5'
    end as CGPA,
    count(*) as StudentCount
from student_details
group by
    case
        when CGPA > 10 then '>10'
        when CGPA >= 9 AND CGPA <= 10 then '9 - 10'
        when CGPA >= 8 AND CGPA < 9 then '8 - 9'
        when CGPA >= 7 AND CGPA < 8 then '7 - 8'
        when CGPA >= 6 AND CGPA < 7 then '6 - 7'
        when CGPA >= 5 AND CGPA < 6 then '5 - 6'
    else '<5'
    end
order by min(CGPA);

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Results		Messages
	CGPA	StudentCount
1	<5	244
2	5 - 6	1702
3	6 - 7	1930
4	7 - 8	2020
5	8 - 9	2040
6	9 - 10	1815
7	>10	249

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9. select Bond,
    round (count(*) * 100.0 / ( select count(*)
                                from student_details
                                where Placement = 'yes'), 2) as Percentage
from student_details
where Placement = 'yes'
group by Bond
order by Percentage desc;

```

Results		Messages
	Bond	Percentage
1	2 Years	33.780000000000
2	1 Year	33.660000000000
3	3 Years	32.560000000000