



HR Analytics

Hr Analytics SQL project

--- 1) Total Records Count

```
select count(*) as total_count from hr_analytics;
```

	total_count
▶	1413

--- 2) Check Null values on EmpID

```
select count(*) as total_null_records from hr_analytics  
where empid is null;
```

	total_null_records
▶	0

--- 3) Total Employees by Age Group

```
select agegroup, count(empid) as total_agegroup from hr_analytics  
group by agegroup;
```

	agegroup	total_agegroup
▶	18-25	117
	26-35	585
	36-45	446
	46-55	221
	55+	44

--- 4) How many Employees by each Department

```
select department, count(empid) as tot_emp from hr_analytics  
group by department;
```

	department	tot_emp
▶	Research & Development	918
	Sales	433
	Human Resources	62

--- 5) Show Employees by Salary Slab

```
select salaryslab, count(empid) as tot_emp from hr_analytics  
group by salaryslab;
```

	salaryslab	tot_emp
▶	Upto 5k	717
	5k-10k	424
	10k-15k	142
	15k+	130

--- 6) Employee Count by Gender and Marital Status

```
select maritalstatus,gender, count(*) as tot_emp from hr_analytics
group by maritalstatus,gender;
```

	maritalstatus	gender	tot_emp
►	Single	Male	261
	Single	Female	187
	Divorced	Male	202
	Married	Male	384
	Married	Female	265
	Divorced	Female	114

--- 7) Show Business Travel by Age Group

```
select businesstravel,agegroup, count(*) as total_emp from hr_analytics
group by businesstravel,agegroup;
```

	businesstravel	agegroup	total_emp
►	Travel_Rarely	18-25	88
	Travel_Frequently	18-25	17
	Non-Travel	18-25	12
	Travel_Rarely	26-35	396
	Non-Travel	26-35	58
	Travel_Frequently	26-35	126
	TravelRarely	26-35	5

--- 8) Employees WITH Above-Average Income in Their Department

```
select empid,department,monthlyincome from hr_analytics as a
where monthlyincome > (select avg(monthlyincome) from hr_analytics as b
where a.department = b.department )
order by monthlyincome desc;
```

	empid	department	monthlyincome
	RM166	Research & Development	19926
	RM569	Research & Development	19859
	RM919	Sales	19847
	RM750	Sales	19845
	RM1243	Sales	19833
	RM899	Research & Development	19740
	RM957	Human Resources	19717
	RM1010	Research & Development	19701
	RM1332	Research & Development	19665
	RM1155	Human Resources	19658
	RM1402	Human Resources	19636
	RM771	Research & Development	19627
	RM815	Research & Development	19626
	RM1130	Research & Development	19613
	RM1117	Sales	19586
	RM412	Research & Development	19566