

Hr Analytics SQL project

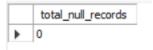
--- 1) Total Records Count

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;



--- 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
١	Upto 5k	717
	5k-10k	424
	10k-15k	142
	15k+	130

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
١	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