Bank Marketing dataset analysis

https://www.kaggle.com/datasets/janiobachmann/bank-marketing-dataset?select=bank.csv

This bank dataset has 17 columns each representing information about customers interaction with bank marketing campaign

columns	description
age	Age of customer
job	Type of job
martial	Martial status
education	Educational level
default	Has credit in default?
balance	Balance of a customer
housing	Has housing loan?
loan	Has personal loan?
contact	Contact number
day	Contact day of the month
month	Contact month
duration	Call duration
campaign	Campaign number
pdays	Campaign response
previous	Previous contact
poutcome	Outcome of the campaign
deposit	Whether the customer has the deposit?

1.count the number of records

select count(*)from bank;

output:

https://drive.google.com/file/d/1EqY6AYKolDJHbTDA_nPoTdIqMaWsHqxA/view?usp=sharing

2.Find the number of customers subscribed to term deposit

Select count(*) from bank where deposit='yes';

Output:

https://drive.google.com/file/d/1Nhze9wM9q1TXfv2t8uV8x1HQBLRXqLKY/view?usp=sharing

3.Find number of customers by job role

Select job,count(*) as count from bank group by job;

Output:

4.Find average balance by education

Select education,avg(balance) from bank group by education;

Output:

5.Average balance of customers

Select avg(balance) as avg_balance from bank;

Output:

6.Customers grouped by marital status

Select marital,count(*) from bank group by marital;

Output:

7.top 5 highest balance holders

Select job,age,balance from bank order by balance desc limit 5;

Output:

8.Distribution of education levels

Select education,count(*) as count from bank group by education;

Output:

9.Count of customers who subscribed(deposit='yes')

Select count(*) from bank where deposite='yes';

Output:

https://drive.google.com/file/d/10JaHA_9p6KZwDbxzrb7SP0wuMUojr8aF/view?usp=sharing

10.Count of customers with loans and housing loans

Select loan,housing,count(*)as count from bank group by loan,housing;

Output:

https://drive.google.com/file/d/18r6c2kk-Kl_ZnPsfl7l8p5cGAz0_slJo/view?usp=sharing

11.Customers contained in May with unkown contact type

Select count(*) from bank wherevmonth='may' and contact='unknown';

Output:

https://drive.google.com/file/d/1QzWUOOryG8OLskOcyfZmOExQqbPkX6FU/view?usp=sharing

12.Average call duration per month

Select month,avg(duration) from bank group by month order by fied(month,'jan',

Output:

https://drive.google.com/file/d/1RZ33COGFWUsiUEZzuVNlPMcQl336LsHi/view?usp=sharing