Data Cleaning & Analysis - MySQL Workbench

Data Visualization – PowerBI

**QUESTIONS**

What is the gender breakdown of employees in the company?

What is the race/ethnicity breakdown of employees in the company?

What is the age distribution of employees in the company?

How many employees work at headquarters versus remote locations?

What is the average length of employment for employees who have been terminated?

How does the gender distribution vary across departments and job titles?

What is the distribution of job titles across the company?

What is the distribution of employees across locations by state?

What is the tenure distribution for each department?

Which department has the highest turnover rate?

**INSIGHTS**

There are more male employees

White race is the most dominant while Native Hawaiian and American Indian are the least dominant.

The youngest employee is 20 years old and the oldest is 57 years old

5 age groups were created (18-24, 25-34, 35-44, 45-54, 55-64). A large number of employees were between 25-34 followed by 35-44 while the smallest group was 55-64.

A large number of employees work at the headquarters versus remotely.

The average length of employment for terminated employees is around 8 years.

The gender distribution across departments is fairly balanced but there are generally more male than female employees.

The net change in employees has increased over the years.

Most terminations are from Engineering Department followed by Accounting and the least is Auditing.