

LAYOFF DATASET(2020-2023)

ABSTRACT:

This dataset provides information on layoffs that occurred worldwide from 2020 to 2023. The data includes details on the companies name,location,industry,number of layoff and its percentage ,fund raised by layoff .

AIM:

To clean and analyze the given dataset and find insights from it.

INTRODUCTION:

The Dataset is taken from Kaggle .The dataset contains the following columns namely Company name,location,Headquarters location,Layoff numbers,Layoff percentage,Date of layoff,fund raised by layoff,Stage of the company. Dataset contains data from 2020 to 2023(feb).

Dataset link: <https://www.kaggle.com/datasets/clarkj37/layoffs2023cleaned>

OBJECTIVE:

Let's keep the objectives as to find answers to the following questions.

1. Which Industry based company has most layoffs
2. Which company has the most layoff around the world
3. Which country has the most layoffs
4. Which country has the least layoffs
5. Which year has most layoffs
6. Which stage of company has fired more employee
7. Company which fired the most percentage of its employee
8. Maximum fund raised by a company.

DOWNLOAD AND CLEAN THE DATASET:

Download the dataset from the Kaggle. The Dataset contains some columns with all null values

```

Company                0
Location_HQ            0
Industry               0
Laid_Off_Count         0
Percentage             0
Date                  0
Source                0
Funds_Raised (Millions) 91
Stage                 0
Date_Added            0
Country               0
List_of_Employees_Laid_Off 0
Sum of Employees      1107
Average # of Employees Laid Off 1107
Average Layoff %      1107
Total Funds Raised    1107
Average Funds Raised  1107
Unnamed: 17           1108
Unnamed: 18           1108
dtype: int64

```

So dropped that columns .Fund raised column has 91 null values we cannot drop the column because we need that for our analysis and also we need the details in that 91 rows because it is the Data of 91 different company layoff so we cannot also remove the 91 rows.

DATA VISUALIZATION:

Done a dashboard in powerbi which shows the Details of each company and its Layoff .The files are added to the google drive for your reference .

RESULT :

1.Which Industry based company has the most layoffs?

The consumer based industry company has fired most the employees

2.Which company has the most layoff around the world?

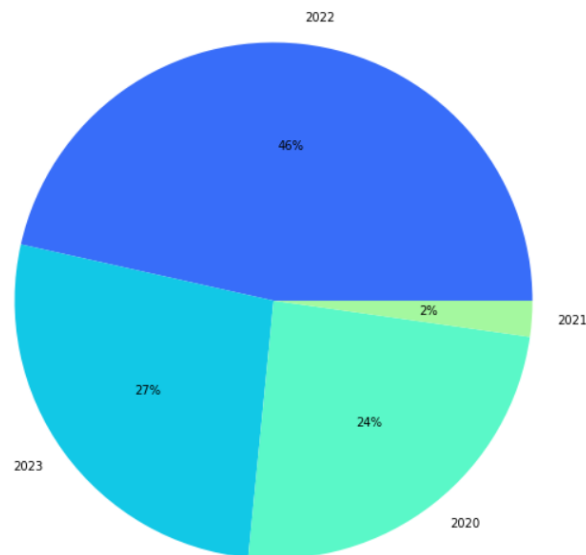
The Amazon have fired 18k employees which is highest in the Dataset

3. Which country has the most layoffs?

The USA and Indian Country company have fired most off its employees Because the USA and India have the most IT companies compared to the rest of the world

4. Which country has the least layoffs?

Luxembourg has the least amount of layoff.

5. Which year has the most layoffs?

2022 has 46 percent off total layoff. Even Though 2023 has 27 percent it contains Data up to february. It may increase further and overtake 2022.

6. Which stage of the company has fired more employees?

The company in the Stage of IPO has fired the most employees . It is more reasonable that the IPO stage companies are huge MNCs which have very high number of employee count so the layoff count also increases.

7. Company which fired the most percentage of its employees?

Flywheel Sports is laying off around 98 percent of their employees.

8.Maximum fund raised by a company?

According to the Dataset Netflix Has raised more funds by layoffs.

REFERENCES:

I have attached my Data analysis report in google Drive along with the report and Dashboard.

Dataset:<https://www.kaggle.com/datasets/clarkj37/layoffs2023cleaned>

