PROBLEM STATEMENT

There has been much discussion surrounding tech jobs and their reputation for being fulfilling in terms of finance and job satisfaction. Job sites like Indeed and Glassdoor seem to support this notion with daily job postings in the hundreds and benefits such as flexibility.

But is this truly reflective of the real-life experiences of tech workers?

These questions and more inspired this project to uncover the truth behind the tech job market

DATA COLLECTION

The focus of the survey was on the Data sector. A survey was carried out to gather the data from people in the data sector and aspiring data techies to understand the situation on the ground.
Credit to @AlextheAnalyst for gathering this data.

DATA CLEANING

This data was cleaned in SQL SERVER MANAGEMENT STUDIO (SSMS). Duplicates were removed, some of the columns were CAST to a different data format, through the LEFT and RIGHT FUNCTIONS, some of the data were extracted and the remainder deleted. A view was created from the query and the data was further cleaned in POWER QUERY in POWER BI

DATA MODELING

A new table was created using DAX functions in POWER BI and visualized to produce an interactive dashboard that help to answer these and many other questions

INSIGHTS

After visualizing these were some of the insights from the 610 people, who partook in the survey

- On a scale of 0 to 10, the average job satisfaction was 5.76 which is 57.6%.
- On a scale of 0 to 10, the average work/life balance was 5.86 which is 58.6%.
- Majority of the partakers had bachelor's degree. This addresses the debate of people insinuating that degree is not needed for a Tech role.
- Python was the most common programming language with 409 people using it.

After the project, we got to know that indeed data jobs offer good work/life balance and salary satisfaction.