[i] <u>Pune IT Service Company Data Analysis using Power BI:</u> <u>Dashboard</u> <u>Link</u>

1. Researched the Data related to IT Services Companies based on their Requirements:

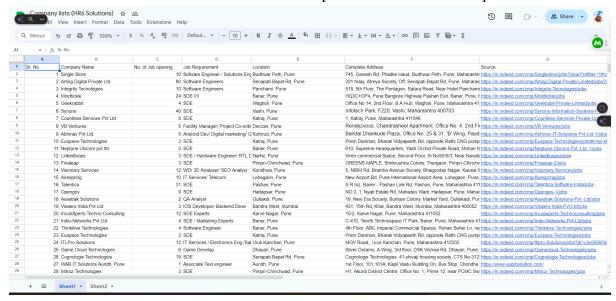


Fig.1 Data of IT Companies based in Pune

- 2. Data Visualization using PowerBi:
 - Conducted exploratory data analysis on initial datasets, using descriptive statistics and basic visualizations to identify trends and patterns.
 - Implemented data transformation techniques such as data aggregation, formatting, and feature engineering to prepare data for analysis.
- 3. Data Selection & Dashboard Creation:

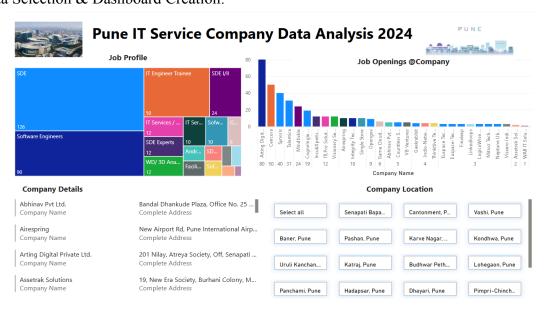


Fig.2 Dashboard representing the data of the IT Companies based in pune

Company Location

4. Analysis of Job Openings by Location:

Select all Senapati Bapa.. Cantonment, P., Vashi, Pune Baner, Pune Pashan, Pune Karve Nagar, ... Kondhwa, Pune Uruli Kanchan... Katraj, Pune Budhwar Peth,... Lohegaon, Pune Panchami, Pune Dhayari, Pune Pimpri-Chinch... Hadapsar, Pune

Fig.3. It represents the statistics of the Number of Companies distinguished by location.

5. Analysis of Job Openings by Company Name:

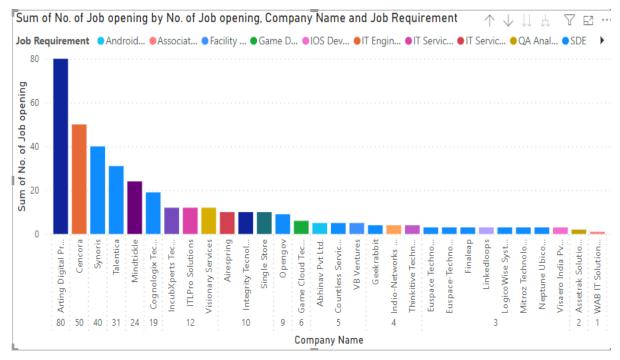


Fig.4 It represents the number of job openings in the particular company.

Examination of Job Openings:

- Identify the distribution of job openings across different IT companies.
- Analyze the prevalence of job opportunities within specific companies compared to others.
- Company Ranking:
 - Rank companies based on the number of job openings they offer.
 - Highlight the top companies with the highest number of job openings.
- 6. Analysis of Job Openings by Number of Job Requires:

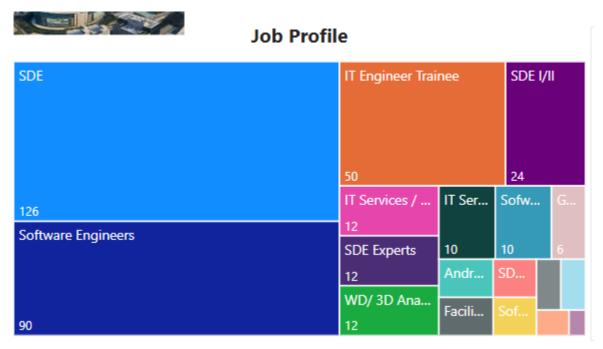


Fig. 5 It represents the pie chart of the Number of companies along with their Job openings.

- Comparison of Job Openings:
 - Analyzed the distribution of job openings based on the number of job requirements specified by each company.
 - Segmented job openings into categories based on the number of required skills or qualifications.
- Insights into Job Requirements:
 - Identified trends in the number of job requirements across different positions and company sizes.
 - Examined whether job openings with higher requirements tend to be associated with specific job roles or industries.

Tasks and Accomplishments:

- 1. Company Research & Finding the Targeted Clients
 - Did the research and found the Small Scale and Medium Scale IT Companies based on the Employee size, Revenue, Company Founded, and Resource.

- Prepared the detailed Report analysis report of the Data collected
- 2. Prepared the Visual Dashboard for the company
 - Created a lucrative Dashboard for the Company and did a detailed analysis.
 - Helped the Company to take the Business decisions based on the Reports generated.
- 3. Helped them to replace the Mundane tasks with the lucrative Solutions:
 - The Reports generated were powerful and more focused. It narrowed down their search of the Targeted clients.