

**Project title:** Company Review Analysis

**Problem statement:** Our objective is to conduct a comprehensive data analysis on Glassdoor reviews, encompassing 47 insightful dimensions, to unravel patterns, correlations, and opportunities for improvement. By leveraging statistical analyses and visualization techniques, we aim to address key aspects such as overall employee satisfaction, company comparisons, the impact of company type, geographical variations, and the effectiveness of communication channels. Our final project conclusion will be to create a user interactive dashboard which provides insights from the data according to the user input.

**Project division:**

**Employee Satisfaction Analysis:**

- Investigate the factors influencing overall ratings and identify correlations with specific features such as career opportunities, work-life balance, and cultural values.
- Explore the distribution of ratings for various aspects like CEO approval, compensation benefits, and senior management to understand overall employee satisfaction.

**Company Comparison:**

- Compare ratings and reviews across different companies, industries, and regions to identify patterns and trends in employee satisfaction.
- Analyze the diversity and inclusion scores across companies to assess the industry's commitment to creating inclusive workplaces.

**Impact of Company Type:**

- Examine how company types (e.g., public, private, nonprofit) influence ratings and employee satisfaction.
- Investigate if there are significant differences in benefits and career opportunities based on the company's type.

**Salary and Compensation Analysis:**

- Examine the relationship between salaries, compensation benefits, and overall employee satisfaction.
- Explore the distribution of salaries and analyze its impact on ratings, CEO approval, and recommendations to friends.