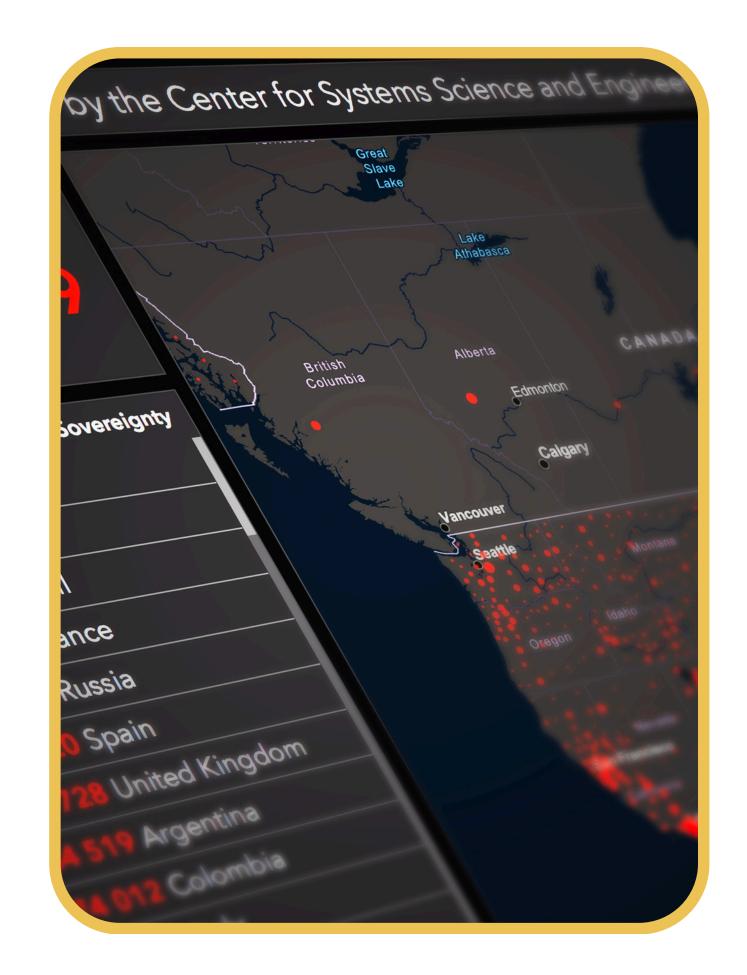# PROJECT OVERVIEW

The "TechnoEdge" dashboard is a Power BI report designed to help the company effectively manage and analyze its workforce data. The dataset includes comprehensive employee details such as personal information, job titles, departments, salaries, attendance, and performance metrics. This report provides interactive insights that support HR decision-making and workforce planning.

KEY INSIGHTS FROM TECHNOEDGE POWER BI DASHBOARD

Workforce Size and Composition

- Total Employees: 44 active employees across multiple departments.
- Gender distribution is balanced with 50% male and 50% female employees.
- Marital Status: Majority are married (63.64%), with 36.36% single employees.
- Diverse workforce with multiple nationalities including American (23.3%), Indian, Canadian, and others.

Attendance and Experience

- Average attendance is high at 92%, showing good employee presence.
- Total days absent recorded are 121 days, providing insight into absenteeism trends.
- Sum of experience years is 80, indicating a moderately experienced workforce.

KEY INSIGHTS FROM TECHNOEDGE POWER BI DASHBOARD

Salary Overview

- Total salary expenditure is $372,000 spread across all employees.
- Average salary is approximately $11,000, with variations based on department and experience.
- Salary distribution by experience level and age groups can help identify retention and compensation policies.

Departmental Breakdown

- Employees are spread across 11 departments including Business, Marketing, Technology, Finance, Customer Service, and HR.
- Department sizes and salary expenditures vary, with notable contributions from Business and Data departments.
- Gender-wise employee count per department reveals balanced participation or areas needing diversity focus.

KEY INSIGHTS FROM TECHNOEDGE POWER BI DASHBOARD

Hiring Trends

- Employee join years span 2020, 2021, and 2022, showing growth trends in workforce size and salary expenditure over time.
- Visuals demonstrate how total salaries and employee counts increase year over year, helpful for workforce planning.

Educational Qualifications and Job Titles

- Employees hold a diverse range of educational backgrounds from B.Sc and B.B.A degrees to M.Sc and B.E in various fields.
- Job roles range from Data Analyst and Project Manager to Web Developer and Marketing Executive, reflecting organizational structure complexity.

THANK YOU