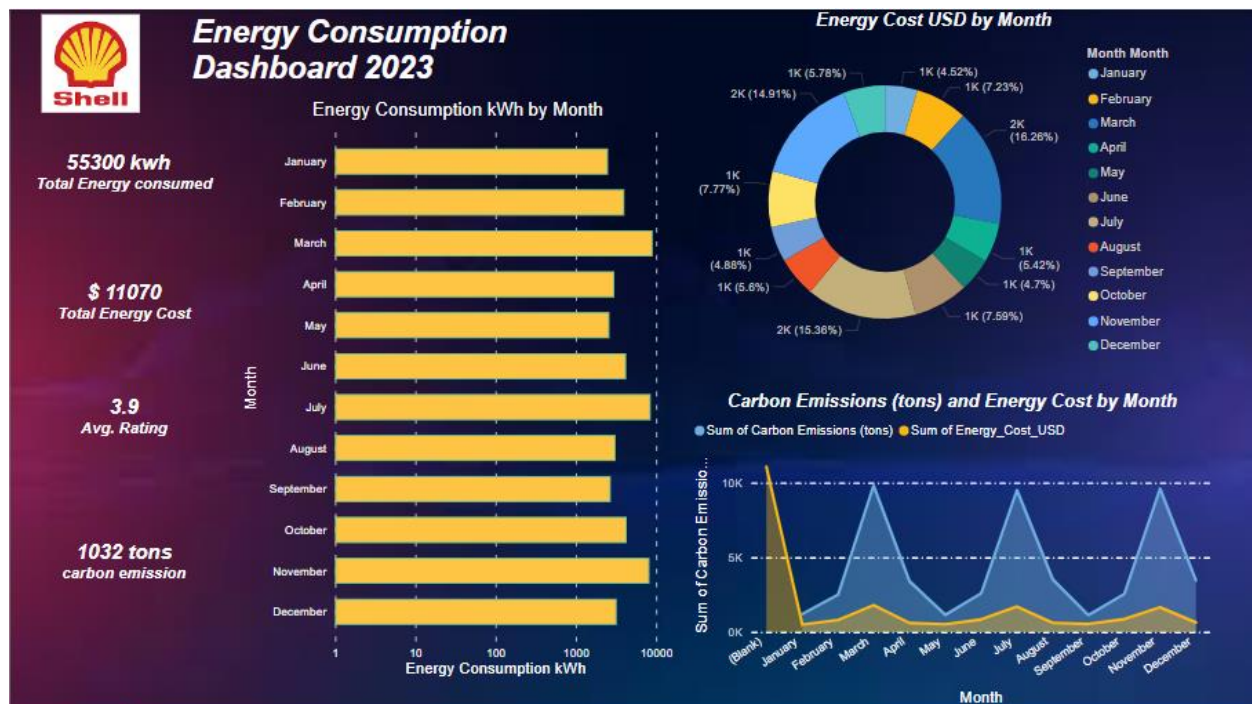


Data Analysis using Power BI

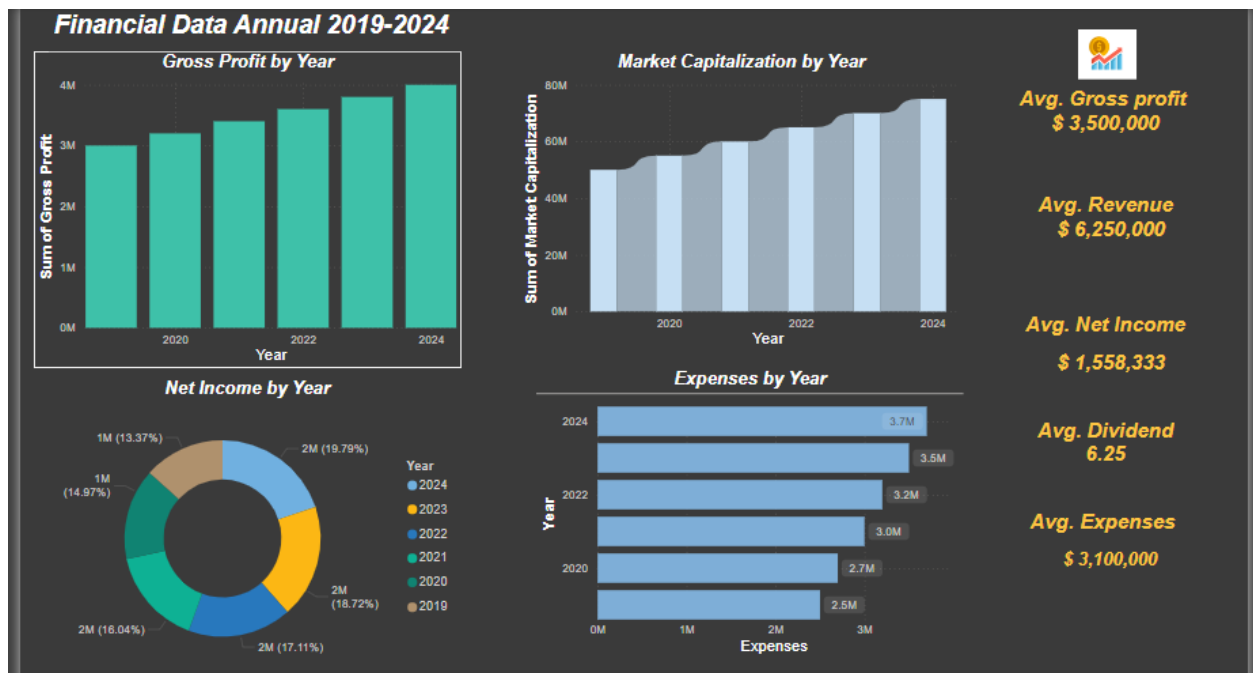
Energy Consumption 2023:

In 2023, Shell's energy consumption data revealed notable trends in energy costs, consumption levels, and carbon emissions throughout the year. The energy costs fluctuated significantly, influenced by market dynamics and operational demands. Monthly energy consumption displayed a steady rise, particularly during high-demand periods, while carbon emissions varied accordingly. These metrics underscored Shell's ongoing efforts to balance operational needs with its commitment to sustainability, highlighting both the challenges and advancements in reducing its carbon footprint as it navigated a complex energy landscape.



Financial Analysis 2019-2024:

The financial data of a company spans from 2019 to 2024 and reflects the annual performance of a hypothetical company. Over these years, the company has shown consistent growth in revenue, increasing from \$5 million in 2019 to \$7.5 million in 2024. Similarly, net income has risen from \$1.25 million to \$1.85 million, demonstrating improved profitability. Gross profit and operating income have also steadily increased, highlighting effective cost management and operational efficiency. The company's earnings per share (EPS) and dividend payments have grown proportionally, indicating positive returns for shareholders. Market capitalization has surged from \$50 million to \$75 million, reflecting strong market confidence and valuation.



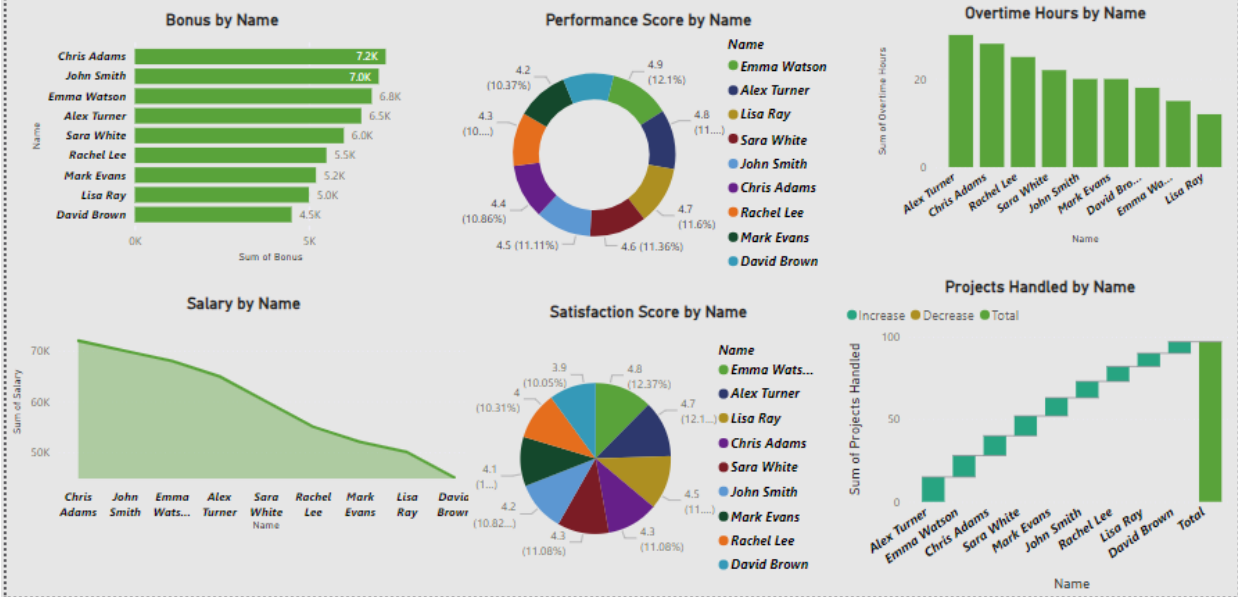
Employee data analysis:

Employee data analysis involves examining and interpreting information related to an organization's workforce to gain insights into various aspects of employment. This process includes analyzing metrics such as employee performance, retention rates, satisfaction levels, and demographics. By leveraging data analytics, organizations can identify trends, optimize hiring practices, enhance employee engagement, and improve overall workforce management. Effective employee data analysis helps in making informed decisions that can drive productivity, reduce turnover, and align HR strategies with organizational goals.

Employee Data Analysis

Total Employee
7

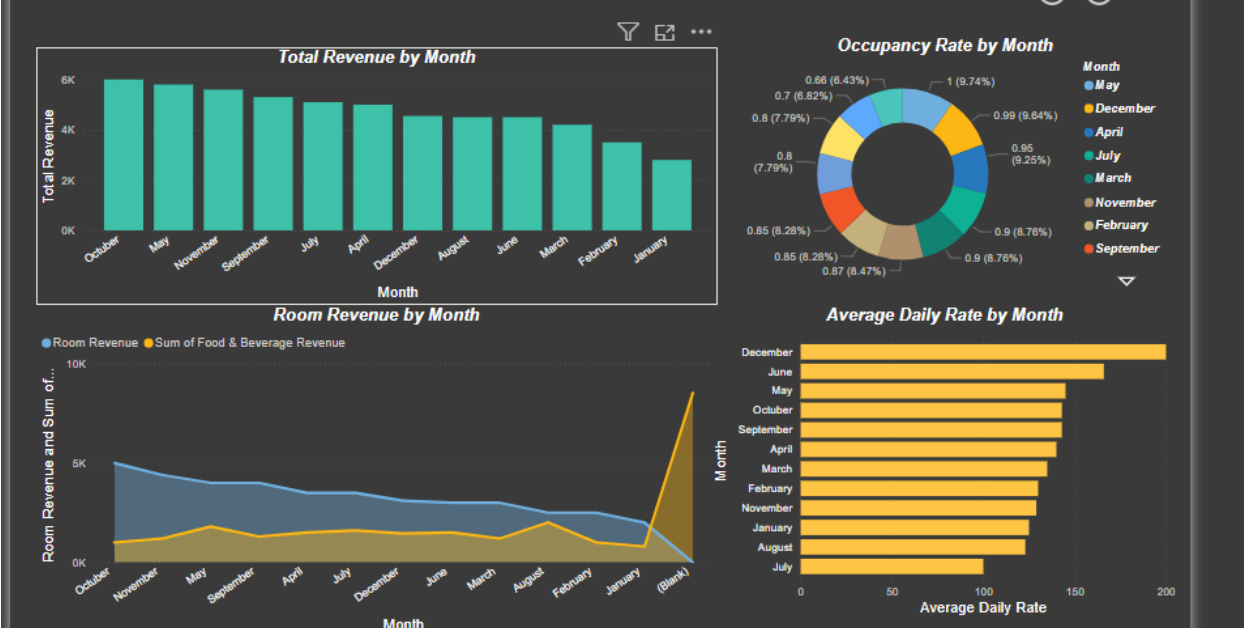
Average Age
44



Hotel Management Dashboard:

A Hotel Management Dashboard provides a quick overview of key performance indicators such as Occupancy Rate, which shows the percentage of rooms filled each month, Revenue by Month, highlighting total income from hotel services, and Average Daily Rate (ADR), reflecting the average price per room sold. These metrics are typically visualized with charts to help hotel managers track performance trends, optimize pricing strategies, and identify peak or slow periods throughout the year.

HOTEL MANAGEMENT DASHBOARD 2023



Thank you