**A STUDY ON IBM EMPLOYEE ATTRITION MODEL USING POWER BI**

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| **Project Title** | **IBM Employee Attrition Model** |
| Objective | The objective of this project is to analyse and predict employee attrition at IBM using advanced data analysis techniques |
| Roles and Responsibilities | * Data Collection, cleaning and pre-processing steps before generating summary statistics * Performing EDA (Exploratory Data Analysis) by performing Initial Analysis on the dataset and also creating basic Visualisation in R * Using R to build predictive models to identify factors and identify the most significant predictors of attrition and analyse their impact. * Creating Interactive Dashboard in Power BI for a clear, intuitive and effectively communicate the insights. * Identify key trends and patterns related to employee attrition and retention and provide actionable insights and recommendations to HR leadership on how to reduce attrition and improve employee retention |
| Dataset Source | Kaggle |
| Software Tools | Power BI |

**Company Profile**: **IBM**

**International Business Machines Corporation (IBM)**, founded in 1911 and headquartered in Armonk, New York, is a global technology and consulting company known for its innovation and leadership in the IT industry. With operations in over 170 countries, IBM provides a wide range of products and services, including cloud computing, artificial intelligence (AI), hardware, software, and IT infrastructure.

**Role in Analytics:** IBM has been a pioneer in the field of analytics, offering comprehensive solutions that enable organizations to harness the power of data. Through its robust portfolio of analytics tools and platforms, IBM helps businesses extract valuable insights from vast amounts of data to drive informed decision-making and strategic planning.