SAHANA

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# EXPERIENCE

**DXC Technology**

### Data Analyst | SQL | Advanced Excel | Power BI

 Nov 2021 – Jun 2023 New Delhi, India

* Utilized **SQL** and **Advanced Excel** (VLOOKUP, Pivot Tables) for data cleansing, analysis, and reporting, reducing manual work by 2 hours, improving efficiency.
* Performed **data cleaning** and ensured data accuracy in employee attrition analysis.
* **Conducted in-depth analysis of** employee attrition trends**, identifying key turnover factors.**
* **Created** interactive dashboards and reports **using** Power BI **and** Excel **for HR leadership.**
* Delivered actionable insights through monthly, quarterly, and annual attrition reports.
* Supported **ad-hoc analysis** and special projects related to **employee retention**.
* Experienced in **HR metrics reporting** and **benchmarking analyses**.

# TECHNICAL SKILLS

**Programming Languages:**

* **Python** (Basics)

**Databases:**

* **SQL** (Extensive Knowledge in SQL Queries, CRUD Operations, Joins and Sub-queries, Grouping and Functions, Views and Pseudo Columns, SQL Statements, Normalization, My SQL, and MSSQL)

**Data Analysis:**

* **Pandas:** Data Cleaning, Data Manipulation, Exploratory Data Analysis (EDA) with Descriptive Statistics
* **NumPy:** Array Creation and Manipulation, Indexing, Slicing, and Broadcasting, Mathematical and Statistical Operations, Linear Algebra Functions, Random Number Generation.
* **Microsoft Excel:** Data Cleaning, VLOOKUP, HLOOKUP, Pivot Tables, Pivot Charts Data Visualization, Outlook Integration.

**Data Visualization:**

* **Power BI:** Data Import from Multiple Sources, Data Cleaning and Transformation with Power Query, Data Visualization, DAX, Creating Interactive Reports.
* **Matplotlib:** Line, Bar, Scatter, Histogram, Pie, Titles, Labels, Legends, Grid, Subplots and Multiple Plots, Colors, Markers, Line Styles
* **Seaborn:** Pairplot, Heatmap, Boxplot, Violinplot, Themes, Color Palettes, Plot Enhancements: FacetGrid, Subplots

# EDUCATION

### Visvesvaraya Technological University

* August 2016 – 2021

Bachelor of Engineering Aerl Engineering. - 7 CGPA

### Sarvagna PU College

PCMB 2014 - 2016

### Mahatma Gandhi High School

SSLC 2013 - 2014

# CERTIFICATIONS

* Microsoft certified AZ -900. [View](https://drive.google.com/file/d/1pgb4FjGAJUY_xi5tj28yMmzo-vDpycEL/view?usp=drive_link)
* Microsoft Certified DP-900[. View](https://drive.google.com/file/d/1BSpucHeNJdcsarCrX_OqbrcRnNkE0PKR/view?usp=drive_link)

# TOOLS

* **Database Management:** (Skilled in managing databases with MySQL Workbench and SSMS, including data modeling, query optimization, and administration)

# PROJECTS

#### HR Attrition Analysis

#### Advance Excel, SQL, Microsoft PowerBi

* + Designed interactive Power BI dashboards to track key metrics like attrition rates, voluntary vs. involuntary attrition, and department/location-specific trends.
  + Applied advanced DAX formulas to identify trends and predict areas of concern for proactive HR intervention.
  + Enabled customized views and detailed insights through slicers and filters, enhancing usability for stakeholders.
  + Analyzed employee turnover trends and developed actionable insights to improve retention strategies.