

# BHAWNA SAINI

Data Engineer & Power BI Developer

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## SUMMARY

Aspiring Data Engineer & Power BI Developer with 3+ years hands on experience, a strong foundation in Python, SQL, Power BI, and Big Data tools like Databricks and PySpark. Experienced in working with large datasets, building dashboards, and performing EDA. Azure DP-900 certified, with a passion for creating scalable data pipelines and delivering actionable insights.

## WORK EXPERIENCE

**Arbre Creation Pvt. Ltd. | Data Analyst [Jan 2024-Till Now] Responsibilities:-**

- Built and optimized automated **data pipelines** using Python, SQL, and Azure Data Factory for large-scale data processing.
- Used Databricks and PySpark to clean, transform, and prepare high-volume datasets for real-time product insights.
- Designed and maintained data models to support **Power BI dashboards** for product performance tracking.
- Integrated data from **APIs and SQL databases**, ensuring data quality with validation checks and logging.
- Collaborated with product teams to deliver **scalable, analytics-ready** datasets for key product features.
- Involved in **MSBI** projects with Extensive usages of **ETL & Reporting tools** like **SQL Server Integration Services(SSIS)** and **SQL Server Reporting Services(SSRS)**.
- Proven proficiency at Data Transformation like **Lookup, Dervied Column, Conditional split, sort, data conversion, union All, Merge, Scd** etc.
- Experience in providing Error Logging and Error handling for SSIS Package.

## PROJECTS:-1 Data analysis on loan application and loan approval prediction

**Company** - Turkey lender

**Domain** - Data science

**Expertise level** - intermidate

**Business Objectives:-** A bank's profit or a loss depends to a large extent on loans I.e. whether the customer are paying back the loan or defaulting. By analyzing customer data and extraction valuable insights, the bank can make data-driven decision to improve customer satisfaction, personalize marketing efforts, optimize operational efficiency, and mitigate risks. This project helps the bank enhance its competitiveness, strengthen customer relationship, drive revenue growth, and position itself as a customer-centric financial institution in the market.

## PROJECTS:-2 Wholw Sale Management System(WMS)

**Company:-** DHL India

**Domain:-**Data science

**Business Objective:-**The wholesale management system aims to transform traditional wholesale businesses that rely on pen and paper. Transitioning to an organized digital database will ensure efficient data retrieval and improve overall business operations.

Designed reusable Python scripts for transformation and integrated them in Databricks for scalable processing.

- Reduce **cost by 20%** and **reduce time 30%** when analyze data by **otimization technique in pyspark..**
- Created data models and optimized queries to support business dashboards used by the product team for decision- making.

## SKILLS

- **Power BI:** Power Query, DAX, Dashboards, Data Modeling, ETL, Reporting, Power BI Service, Data Transformation, Story telling, Designed different types of reports like **group by, Drill Down, Drill Through and Sub reports**.
- **SQL:** Joins, Subqueries, CTEs, Window Functions, Indexing, Optimization, group by, select, views, store procedure, **DDL, DML, DCL** .
- **Python:** Pandas, NumPy, Matplotlib, Seaborn, Machine Learning, Predictive Modeling.
- **Azure:** Azure SQL, Data Integration, Storage, Cloud Computing, Azure Data Services.
- **Big Data:** Pyspark, Distributed Computing, Spark SQL, DataBricks, Apache Spark, Data Pipelines, **Medallian Architure**.
- **Soft Skills:** Communication, Problem-Solving, Teamwork, Decision-Making, Time Management.

## CERTIFICATIONS

- **Microsoft Azure DP-900** – Expertise in Azure Fundamentals, Cloud Solutions, and Data Management.
- Masters in Data Science with Power BI (Generative AI) – Console Flare.
- Data Analyst Certification – Pantech Solutio

## EXTRACURRICULAR ACTIVITIES

- British Airways Data Science Job Simulation – Forage (March 2025).[\[Link\]](#)
- Accenture North America Data Analytics & Visualization Simulation – Forage (October 2024).