

Vandana Chandrashekar

Berlin, Germany

Summary

I am a dynamic business intelligence professional with over 5 years of experience in Power BI development, data transformation, and process automation. I specialize in creating and optimizing Power BI dashboards that connect with cloud-based data sources. My skills include automating ETL pipelines, integrating Python scripts, and enhancing report performance using advanced DAX expressions. I have a strong track record of leveraging Power BI Premium features for scalable and secure report distribution, as well as conducting statistical analysis with Python and Excel. I am a collaborative team player focused on data governance, security, and user training to ensure efficient and compliant BI operations.

Skills

- SQL
 - Neural Networks (TensorFlow & Keras)
 - Advanced Excel
 - Business Intelligence (BI)
 - DAX
- Data Modeling & Analysis
 - Python & R
 - Data Visualization
 - Git
 - M-Query
- Machine Learning
 - Power BI & Tableau
 - ETL Processes & Azure Data Factory
 - Power Automate
 - Celonis

Experience

- Working Student

Mutares SE & Co. KGaA, Berlin, Germany

November 2023 - Current

 - Developed and maintained Power BI dashboards linked to cloud-based data sources, improving decision-making efficiency by 20%. Led the onboarding of portfolio companies to Power BI, managing setup, report customization, and integration for smooth adoption.
 - Automated complex data transformations using M-Query in Power Query, reducing data preparation time by 30%. Integrated Python scripts with Power BI to further automate data transformations, cutting manual handling by 35%.
 - Enhanced report calculations with advanced DAX expressions and DAX Studio, leading to a 15% improvement in report load times. Utilized Power BI Embedded for external platform integration, increasing user adoption by 20%.
 - Implemented Row-Level Security (RLS) in Power BI to ensure secure and compliant report distribution. Leveraged Power BI Premium features for better report scalability and processing efficiency.
 - Automated ETL processes in Azure Data Factory (ADF), improving data ingestion speed by 30%. Executed SQL queries to streamline data preparation, enhancing report accuracy by 25%.
 - Used Power Automate to automate workflows, reducing manual tasks by 25% and improving report distribution efficiency. Managed Power BI workspaces and apps on Microsoft Fabric, decreasing management overhead.
 - Edited JSON in PBIX files and integrated Git with Azure DevOps for version control, which cut deployment time by 30%.
 - Conducted statistical analysis using Python and Excel to support data-driven decision-making. Utilized various data visualization tools to effectively present insights.
 - Created learning videos for portfolio companies and integrated them into Power BI apps, increasing user engagement by 30%. Collaborated across teams to ensure data governance, security, and compliance across multiple environments.

- Services IT Development Program Senior Associate

NTT DATA Services, Bangalore, India

June 2019 - December 2022

 - Applied advanced data modeling techniques (like regression analysis and clustering algorithms) to identify trends in customer support data, enhancing predictive analytics capabilities.

- Automated data extraction and transformation processes using ETL tools (SQL, Python) and Power BI, reducing manual data handling time by 40%.
- Developed and maintained SQL queries to support data analysis and reporting needs, ensuring efficient data retrieval and manipulation.
- Conducted A/B testing to evaluate the effectiveness of different support strategies, leading to informed decision-making.
- Created detailed reports and visualizations using Power BI and Excel to communicate findings to stakeholders, facilitating informed business decisions.
- Implemented data quality checks and validation processes using data validation tools (Talend, Informatica), ensuring the accuracy and reliability of data used for analysis.

Education

Master's in data science - IU International University of Applied Sciences	2023 - Current
Executive PG Program in Data Science - International Institute of Information Technology	2022
Post-Graduation Program in Business Analytics and Intelligence - Amity Directorate of Distance & Online Education	2021
Bachelor Of Computer Science and Engineering - Visvesvaraya Technological University	2019

Academic Projects

- Water Sample Potability Classification
Objective: To create a machine learning model that can accurately classify water samples as potable or non-potable.
Key skills: Decision Tree, Random Forest, ADA Boost, XGBM.
- Power BI Dashboard: Product sales analysis
Objective: Created an interactive dashboard on Product sales.
Key skills: Brief knowledge on the tool, DAX.
- DETECTION OF EXUDATES FOR DIABETIC PATIENTS
Objective: To detect the presence of exudates in diabetic patients.
Key skills: Image processing techniques, OSU's algorithm, Liner regression.
- New York City Taxi Fare Prediction
Objective: To build a model to predict a taxi ride's fare amount.
Key skills: Linear regression, Gradient boosting, SVM, ANN.

Awards and Publication

- Conference paper published in 2021 IEEE 11th Annual Computing and Communication Workshop and Conference (CCWC).
<https://ieeexplore.ieee.org/document/9376018>
- Star Manager Discretionary–NTT DATA: Received this award for organizing various cultural activities.
- Star Performance Awards–NTT DATA STAR Performance Award 2020-2021: Received this award for excellent performance in the year 2020-2021.
- Star Performance Award 2021-2022: Received this award for excellent performance in the year 2021-2022.
- Star Performance Award 2022: Received this award for contributing to a Priority 1 issue as part of a problem management team.

Language

English

Proficient (C2)

German - Studying at BBQ

Elementary (A2)