

Vidyashree Rayar

Werkstudent im Bereich PowerApps und Power Platform

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Languages: German B1, English C1, Kannada C2

Profile Summary

AI Master's student with industry experience in Microsoft Power Platform (Power BI, Power Apps, Power Automate) and Business Intelligence analytics(SAP). Supported dashboard development and automation projects that improved reporting efficiency. Strong analytical skills, self-organized, fluent in English with B1 German.

Technical skills

- **Power Platform:** Power BI, Power Apps, Power Automate
- **Data & Databases:** SQL, PostgreSQL, SAP CDS Views, OData
- **Programming & Processing:** Python, Pandas, NumPy
- **Collaboration & Tools:** Git, GitHub, AWS S3

Mandatory Internship

EnterpriseMindFactory - Mainz, DE

01/11/2023 – 28/02/2024

Optimizing Credit Insurance Insights with Power BI and SAP CDS View Approach

- Automated credit insurance reporting by developing 5+ SAP CDS Views consolidating data from 7–10 SAP tables (10k+ client records).
- Built a Power BI dashboard integrated into the Power Platform environment, enabling automated refresh in under 5 minutes and reducing manual preparation by 80%.
- Supported Power Apps prototyping to capture user inputs and trigger workflows, improving collaboration between business and IT teams.
- Improved risk assessment turnaround time by 30%, enabling faster, data-driven decisions.
- **Tools & Skills:** Power BI, Power Apps, Power Platform, SAP CDS Views, OData, SQL

Work Experience

Working Student - Power BI Analyst

01/11/2023 – 30/09/2024

EnterpriseMindFactory – Mainz, DE

- Reduced manual ETL effort by ~70% by automating the CSV-to-S3 pipeline and connecting it to Power Platform workflows, using Python for preprocessing and AWS S3 for storage.
- Accelerated analysis by 5–10 minutes per session through designing Power BI dashboards with drill-through navigation and dynamic filters, applying advanced DAX and optimized data models.
- Improved collaboration between business and IT by prototyping Power Apps that captured user requests and fed directly into reporting workflows.
- Ensured high-quality data inputs by executing data engineering tasks (data cleaning, transformation, feature engineering) with SQL and Python, increasing reliability of BI outputs.
- Improved decision turnaround time by 30% by delivering interactive Power BI dashboards, applying data modeling strategies and iterative feedback sessions with stakeholders.
- **Tools & Skills:** Power BI, Power Apps, Power Platform, SQL, Python, AWS S3

SAP BI Analyst

01/01/2015 – 31/12/2018

Wipro Technologies – Bengaluru, IN

- Designed and deployed a SAP program to identify loyal customers and assign automated

loyalty credits, then built analytical dashboards in SAP BO WebI to visualize loyalty segments, giving management clear insights into retention and engagement trends across regions; improved visibility enabled a 15% increase in targeted retention initiatives.

- Developed a fraud detection reporting solution for the insurance domain, analyzing 50k+ claims records to identify anomalies, and visualized high-risk cases in SAP BO WebI dashboards; reduced investigation time for risk teams by 20% and strengthened fraud prevention controls.
- Optimized 15+ financial and risk reports by redesigning data structures and query logic, improving reporting performance by 30%.
- Documented and tested 100+ SAP BI reports, ensuring accuracy and regulatory compliance for banking and insurance reporting, while collaborating with UK and India teams across the project lifecycle.
- Recognized with the Inspiring Performer Award for leading and delivering 14 technical test cases under strict deadlines, and a “Wall of Fame” mention for documentation excellence.
- **Tools & Skills:** SAP BI, SAP BO WebI, SQL, Data Modeling, Customer Segmentation, Fraud Analytics, Data Visualization, Banking & Insurance Reporting, Cross-functional Collaboration

Projects

Driving Hotel Strategy: Revenue and Cancellation Analysis

- Designed an interactive Power BI dashboard analyzing 3 years of booking data (100k+ records), enabling stakeholders to identify revenue leakage and cancellation trends.
- Implemented 15+ DAX measures and optimized data models, cutting dashboard refresh time by 30%.
- **Tools & Skills:** Power BI, DAX, SQL

AI-Enhanced Airbnb Market Analysis

- Built a Power BI solution consolidating 50k+ listings, integrating automated reporting and clustering to segment properties by price and rating.
- Delivered insights that improved market comparison speed by 40% and enabled faster decision-making for pricing strategies.
- **Tools & Skills:** Power BI, SQL, Data Modeling

Education

Brandenburgische Technische Universität
MSc in Artificial Intelligence

15/10/2022 – Present

- Coursework: Information retrieval, Data Warehousing, Data mining, Data Visualization

Birla Institute of Technology and Science
MTech in Software Engineering

01/04/2011 – 31/10/2014

- Coursework: DBMS, Statistics, C++

Courses and Certifications

Languages: Goethe-Zertifikat B1 — Goethe Institut India| IELTS C1 (Advanced)

Technical: Learning Microsoft Power Apps| Learning Power BI Desktop - LinkedIn Learning