

Aamod Vyas

[REDACTED]

PROFILE	Process Analyst experienced in process mining, BI dashboards, and workflow optimization, using tools like Power BI, Celonis, Tableau, and Apache Superset to drive efficiency. With a Master's in Software Engineering and a background in data science for industrial applications, I specialize in automating processes and delivering actionable insights to enhance operations. Prepared to support Automation mission in advancing sustainable energy through innovation.	
EMPLOYMENT HISTORY		
Nov 2023 — Mar 2024	Data Analyst, Convercus GmbH	Munich, Germany
	Performed data analysis and created and maintained Apache Superset dashboards. <ul style="list-style-type: none">Created, migrated, and automated BI dashboards.Created Client On-boarding processes and Streamlining other Business Processes.	
Apr 2023 — Oct 2023	Process Analyst, STÖHR FAKTOR Unternehmensberatung GmbH	Düsseldorf, Germany
	<ul style="list-style-type: none">Performed process mining to identify inefficiencies in Business processes using Celonis.Successfully designed and implemented a dynamic Rate Card dashboard in Celonis using PQL & Process mining Tool for consulting services all over Germany.Used Celonis EMS to generate process mining insights, identify inefficiencies, and optimize workflows.Designed customized dashboards in Celonis for process visibility.	
Oct 2022 — Mar 2023	Data Analyst, Convercus GmbH	Munich, Germany
	<ul style="list-style-type: none">Developed reports and visualizations to deliver insights and support data-driven decisions across teams.Delivered data insights and reporting for high-profile clients like TAKKO, ADAC, and INTERSPORT.Experienced in creating, migrating, and automating BI dashboards using Apache Superset, Power BI, and Tableau.Optimized workflows through process mining, driving efficiency and productivity.Significantly improved operational efficiency by automating a task that took 5 hours , resulting in 83.3% increase in overall efficiency.	
Apr 2022 — Sep 2022	Data Scientist, Convercus GmbH	München, Germany
	<ul style="list-style-type: none">Developed KPI reports and visualizations to communicate insights to clients.Developed and maintained data mopdels, created SQL reports and created interactive data visualizations for business insights.	
Apr 2022 — Jul 2022	Business Analyst, Daimler Trucks AG	Stuttgart, Germany
	<ul style="list-style-type: none">Creation and optimization of demand management process for the Retail Performance department(RPD).Business intelligence and data visualization using Microsoft Power BI.Power BI dashboard maintenance and reporting.	
Dec 2020 — Dec 2021	Lead Data Scientist, Indian Institute of Management, Ahmedabad	Ahmedabad, India
	<ul style="list-style-type: none">Lead Data Scientist in Educational Innovation, using tools like Facebook's Graph API, Postman, Python, and Gen. AI for sentiment analysis on text, image, and video data.Performed Real-Time data analysis on private Facebook groups.Scraped the data (Texts, Images, & Videos) from the groups manually.Performed Sentiment analysis to improve the education innovation initiative.	
Jun 2017 — Jul 2017	Summer Intern, Universität Paderborn	Paderborn
	<ul style="list-style-type: none">Programmed the recommender systems using Matrix Factorization algorithm to solve the Netflix Challenge.Completed a 40 hour mini course on "Mobile Business Intelligence", focusing on data analytics for Business Intelligence solutions with an emphasis on Digital Marketing.	

Jun 2016 — Jul 2016	Summer Intern, Rheinland-Pfälzische Technische Universität Kaiserslautern (RPTU)	Kaiserslautern, Germany
	<ul style="list-style-type: none">Programmed and developed behavioral implementation and odometric calculations for automated LEGO forklift robots.	

EDUCATION

Sep 2021 — Mar 2023	Masters in Software Engineering with Industrial applications, Hochschule HOF	
May 2014 — Jun 2018	Bachelors of Computer Science Engineering, Bhilai Institute of Technology	Bhilai

RESEARCH WORK

Mar 2024	"Exploring Object-Centric Process Mining with MIMIC IV: Unlocking Insights in Healthcare," , 2024.	
	International Conference on Advanced Information Systems Engineering, CAiSE 24	
Nov 2021	"Forecasting Electricity Load with Hybrid Scalable Model Based on Stacked Non-Linear Residual Approach", 2021.	
	Volume 9 - 2021 https://doi.org/10.3389/fenrg.2021.720406	
Sep 2021	"Exploring Deep Reinforcement Learning for Android Malware Detection," EasyChair Preprint, no. 6594, pp. 1–8, Sep. 2021.	
	https://easychair.org/publications/preprint/MhtN	

SKILLS	Power BI	Expert	Data Analysis	Expert
	Process Mining	Experienced	Project Management	Experienced
	Process Improvement	Expert		

LANGUAGES	English	Native speaker	German Written	A2
	German Spoken	B1		