HIMANSHU MISHRA

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EDUCATION

Masters in Information Technology, GPA: 3.85/4.0 — Tempe, Arizona
Arizona State University — *Jan 2024 – Jan 2026*
- Relevant Coursework: Data Analysis, Big Data Analytics, Database Management, Data Visualization, Natural Language Processing

Bachelors of Engineering in Information Technology, GPA: 3.25/4.0 — Pune, India
Pune University — *Aug 2019 – May 2022*

SKILLS

Programming Languages: Java, Python, SQL, MySQL
Libraries: Pandas, NumPy, Matplotlib, Bokeh, Scikit-learn, Seaborn, SciPy, NLKT, BeautifulSoup
Tools & OS: Visual studio, Jupyter Notebook, Microsoft SQL server, MySQL Workbench, SAP logon, SAP Bex Analyzer, ServiceNow, Power BI, Tableau, Excel, Microsoft office, Windows, MacOS

CERTIFICATIONS

- SAP Certified Application Associate: Reporting, Modeling, and Data Acquisition with SAP BW/4HANA 2.X

PROFESSIONAL EXPERIENCE

SAP BW Consultant, DXC Technology, Bangalore — *June 2022 – Oct 2023*
- Optimized ETL workflows, improving load efficiency by 40-70% and ensuring seamless data integration.
- Developed and maintained 25+ data models and ETL processes, enhancing data accessibility and accuracy for analytics.
- Built 40+ reports in SAP BEx Analyzer, enabling business intelligence and executive decision-making.
- Collaborated with stakeholders to translate 30+ reporting requirements into scalable data models.
- Improved 50+ query runtimes by up to 60% through data flow tuning, partitioning, and indexing.
- Partnered with Basis team to resolve 20+ system performance issues, strengthening platform stability.
- Resolved 50+ production incidents via ServiceNow, streamlining workflows and reducing backlog by 35%.

ACADEMIC PROJECTS

RFM (Recency, Frequency, Monetary) Analysis for eCommerce Customer Segmentation — *Aug 2025 – Aug 2025*
- Processed 500K+ transaction records to segment customers by Recency, Frequency, and Monetary value.
- Generated customer profiles that increased CLV projections by 18% through targeted marketing recommendations.
- Automated RFM segmentation with SQL/Excel/Python, reducing manual analysis time by 40%.

News Sentiment Analytics ETL Pipeline — *July 2025 – Aug 2025*
- Built a pipeline that scraped 1,000+ daily news headlines (Reuters) and performed sentiment analysis with TextBlob.
- Automated storage into MySQL, enabling real-time trend dashboards for market intelligence.
- Implemented logging and orchestration in Jupyter Notebook for scalable pipeline management.

Healthcare Management Database System — *Nov 2024 – Dec 2024*
- Designed a 10-table relational schema for patient data, prescriptions, and side-effects tracking.
- Achieved 40% faster query performance via optimized indexes, stored procedures, and audit tables.
- Enhanced security with constraints, triggers, and audit logs ensuring regulatory compliance.

Book Recommendation Analysis — *Oct 2024 – Dec 2024*
- Analyzed 100K+ user-book interactions using collaborative filtering and cosine similarity.
- Delivered top-5 personalized book recommendations per user with >85% accuracy rate in test scenarios.
- Optimized sparse matrix preprocessing for faster model training and reduced memory usage.

RESEARCH PAPER PUBLICATION

- (Heramb Kulkarni, Sonali Sonavne, Himanshu Mishra, Shreyas Sarode, Pranay Gaikwad) International Journal of Novel Research and Development (IJNRD) May 2022
- Research Link: Study on Blockchain Based E-Voting System