

BHARGAVI VASUDEV JAHAGIRDAR

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SUMMARY

Results-driven data professional with expertise in predictive modeling, data analysis, and process optimization using Python and SQL. Strong communicator with a focus on collaborating across teams and delivering secure, high-quality solutions.

EDUCATION

Indiana University Bloomington

Masters of Science, Data Science

Bloomington, IN

August 2023 – May 2025

Savitribai Phule Pune University

Bachelor of Engineering, Computer Engineering

Pune, India

August 2017 – May 2021

EXPERIENCE

Research Assistant

November 2023 – February 2025

Indiana University | Tech Stack: RedCap, Python, Pandas, Numpy, SQL, Looker Studio, Outlook, Excel

Bloomington, IN

- Designed 4 experiments, 6 surveys on RedCap and 20+ interviews for optimized data collection as per IRB standards
- Developed and implemented 3 unit tests to validate the updated data pipeline, ensuring robust performance and reliability
- Built 5 interactive dashboards in Looker Studio to visualize trends, analyze key metrics, and present actionable insights to stakeholders
- Conducted Exploratory Data Analysis using Python and SQL on the survey data, identifying trends, detecting anomalies, and ensuring data quality to validate the effectiveness of the VR product
- Analyzed and processed quantitative data using Python, applying statistical techniques such as t-tests, A/B tests, and ANOVA to assess the effectiveness of the VR product, identify learning improvements, and generate actionable insights for product enhancement.
- Performed qualitative research and thematic analysis on unstructured data using NLP techniques: tokenization, sentiment analysis, and topic modeling, identifying key patterns to support research objectives
- Enhanced healthcare data pipelines for data cleaning, data transformation, data extraction and resolved 49 bugs using Python and Docker, ensuring seamless integration with the latest RxNorm API and compatibility with large-scale healthcare claims datasets

Business Analyst Intern

May 2024 – October 2024

Quantiphi Inc. | Tech Stack: GenAI, Jira, Asana, Trello, Project Management, Agile, Scrum, Kanban, RCA

Boston, MA

- Reduced scope creep by 20% by leading requirements gathering to define project scope for an agile GenAI project
- Ensured 95% on-time project delivery by managing an end-to-end project to achieve key milestones within budget
- Coordinated User Acceptance Testing (UAT) by collaborating with cross-functional teams to validate the solution
- Created user stories, test plans, and test cases, conducting thorough testing to ensure alignment with business requirements
- Mitigated 15+ risks and issues using risk management strategies, RCA, reducing delays by 25% and improving customer satisfaction

Senior Business Analyst

Jan 2021 – June 2023

Quantiphi Analytics | Tech Stack: GCP, SQL, Program Management, Jira, Trello, Asana, Scrum, Kanban

Mumbai, India

- Converted 200+ SQL queries from Netezza to SnowSQL for a seamless database migration from Netezza to Snowflake
- Conducted rigorous testing and data validation to ensure 100% data accuracy, data reliability, and data quality post-migration
- Delivered 150+ KPIs for BI projects using Tableau and Looker for Healthcare, Telecommunication, Manufacturing industries
- Developed, published and optimized 25+ interactive dashboards for business partners and leadership facilitating strategic decisions
- Conceptualized and optimized multiple business workflows for process improvements, including customer success, customer 360 feedback, deal review approval, project closure, compliance and audit procedures
- Managed 18+ projects with a 100% success rate, overseeing requirements gathering, stakeholder management, and risk analysis across data and analytics, ETL, infrastructure modernization, application and data migration, and business intelligence initiatives.

TECHNICAL SKILLS

Programming Languages: Python, SQL, C++, HTML/CSS, SparkSQL, R, Javascript

Cloud Technologies: GCP, BigQuery, Dataflow, Cloud Composer, IAM, AWS, S3, EC2, SageMaker, Azure, Snowflake

Data Tools: Hadoop, MapReduce, Apache Beam, Apache Airflow, Mage, Apache Spark, PySpark PostgreSQL, MySQL, NoSQL, HDFS

Data Visualization tools and Python libraries: Tableau, QuickSight, Looker Studio, Power BI, Matplotlib, Seaborn, TensorFlow, Scikit-learn

PROJECTS

Mobile Price Prediction | AWS, EC2, S3, PySpark, SageMaker, QuickSight, Big Data Technologies

June 2023 – August 2023

- Designed a big data pipeline using AWS services and PySpark, reducing processing time by 15% and automated data visualization pipelines
- Utilized Amazon SageMaker to streamline model building, training, and deployment, optimized existing regression based machine learning predictive model performance by 20%

LEADERSHIP SKILLS AND ACHIEVEMENTS

- Certified Google Cloud Platform: Associate Cloud Engineer (Credential ID: IJakf)
- Recognized as Young Achiever and Rising Star at Quantiphi Analytics for exceptional performance
- Received letter of appreciation from Prime Minister Narendra Modi for contributions to Waste Water Management