

# Hari Krishna Ageer

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## EDUCATION:

- University of South Florida, Tampa, FL** August 2023 - May 2025  
Masters in business Analytics and Information Systems CGPA: 3.83  
**Relevant Coursework:** Data Mining, Data Visualization, Analytical methods for business, Advanced Data Base Management Essentials, Big Data, Advanced System Analysis and Design, Distributed Information Systems, Data Warehousing, Advanced System Analysis and Design, Project Management
- Gandhi Institute of Technology and Management** July 2018 - July 2022  
Bachelor of Technology in Computer science and Engineering  
**Relevant Courses:** Data structures and Algorithms, Advanced Calculus,DBMS,python,SQL,C++,computer architecture

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## SKILLS:

- Technical:** Data Analysis, Data Visualization, Py Spark, Hive, Kafka, ETL, Pandas, sci-kit learn, Machine learning
- Programming Languages:** Python, SQL, R, C, C++
- Database Technologies:** MY SQL, PostgreSQL, MongoDB
- Data Visualization Tools:** Power BI, Microsoft Excel, Matplotlib, Tableau, Matplotlib
- Skills:** Project Management, Client Relationship,AWS,GCP, Microsoft Office,Team work,time management
- IDE Tools:** Git, R studio, Jupyter notebook, Google Colab

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## WORK EXPERIENCE:

Data Engineer & DE intern

Sep 2022 – Jun 2023

**Quantiphi** | Bengaluru, India

- Design and development of a robust data engineering framework on AWS, coupled with a Postgres SQL Database, resulting in a remarkable 30% improvement in data processing efficiency across multiple sources.
- Streamlined data integration across 20+ concurrent pipelines using AWS Lambda and Kafka (producer-consumer), ensuring smooth data flow and enhanced data quality (88% accuracy) in insurance claim automation.
- Designed an automation system to address the time-consuming and error-prone process of manual column and table updates, significantly **reducing risk and improving data integrity by 80%** across various environments.
- Implemented data partitioning and indexing strategies, resulting in a 40% improvement in query performance for claims data.
- Optimized big data processing with Apache Spark, achieving a 30% efficiency gain, and empowered stakeholders with clear insights through data visualizations.

Data Analyst Intern

Mar 2022 - Jul 2022

**Tiger Analytics** | India

- Refined advanced analytical techniques to analyze customer behavior data, identifying key trends and opportunities for optimization, recommendations resulted in a 25% increase in average order value and a 30% improvement in customer retention.
- Achieved a 25% reduction in reporting time and increased data accuracy by 15%.
- contributed to data warehousing initiatives, spearheading the extraction, transformation, and loading (ETL) of expansive datasets.

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## ACADEMIC PROJECTS:

**Readmission rate of a diabetic patient**

November 2023

- Developed a predictive model that can accurately determine the likelihood of early hospital readmission for patients based on their medical records for diabetic patients.
- Compared machine learning models (SVM, Random Forest, XGBoost, Decision Tree) for healthcare management, achieving a 12% recall improvement over baseline SVM for better true positive identification.

**Data Visualization Project (Airbnb)**

March 2021- April 2021

- Built a robust web scraper using **Selenium** to extract data from 500+ highly visited destinations on Airbnb.
- Cleaned and preprocessed 10,000+ records using NumPy and Pandas, then created visualizations (including geo charts) in Power BI to highlight metric statistics across destinations.

**Library Student Assistant:** Provided essential support to peers in the university library, offering assistance with photocopying and maintaining library resources.

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## CERTIFICATIONS:

- [AWS Certified Developer -Associate](#)
- [GCP-Associate Cloud Engineer](#)