

KARTHIK REVAPPA GOUDA PATIL

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EDUCATION

University of Illinois Urbana-champaign, Gies College of Business

Champaign, IL

Masters in Business Analytics; **GPA: 4.0/ 4.0**

May 2023

Relevant Courses: Business Intelligence(Python), Enterprise Database management(SQL), Data Science and analytics(Python), Big data analytics in Finance(R), Data Storytelling(Tableau), Supply Chain Analytics

BMS College of Engineering

Bangalore, India

Bachelor of Engineering- Electronics and Communication Engineering; **CGPA:8.45/10**

August 2021

Relevant Courses: Statistics and Probability, Linear Algebra, Python, Operating Systems, Operations Research

PROFESSIONAL EXPERIENCE

Graybar

Champaign, IL

Project Intern, Advanced analytics, UIUC Research Park

September 2022- Present

- Spearheaded the EDA analysis of Logistics and shipment big data using **Python**, highlighted key insights and discovered patterns in the data to perform route optimization, and presented it to the company's stakeholders.

KPMG

Bangalore, India

Data Analyst, Data Science and Analytics

July 2021-July 2022

- Performed exploratory data analysis using **Python**(Pandas, Numpy, matplotlib) and provided insights to build a classification model to automate approval or decline of insurance policies and reduce workforce by 20%.
- Designed an interactive analytics dashboard on **Power BI** using DAX and presented financial insights into the client's food chain business to identify the hotspots for restaurant expansion and increase profits by 10 %.
- Executed data preparation and data pre-processing and built a database for Bank of America to train a computer vision deep learning model using Python to detect trash in the ATM and increased the accuracy by 15%.
- Developed reports based on audit and financial data analysis using Python programming and **Excel** and presented them to clients and stakeholders in the US, UK, and Australia.

ACADEMIC PROJECTS

- Analyzed blockchain data involving multiple tables on the Flipside platform through the dashboards built upon advanced **SQL** queries using joins, CTEs, subqueries, and window functions.
- Built a **machine learning** model to predict house prices based on various features using linear regression, lasso Regression,XGboost and random forest algorithms by performing variable selection and correlation techniques.
- Visualized finance and sales, personal Spotify, and former F1 race data using calculated fields, parameters, and actions in Tableau and presented data stories through its interactive dashboard and story features.

LEADERSHIP/ VOLUNTEER EXPERIENCE

Gies Business Graduate Programs, University of Illinois Urbana-Champaign

Champaign, IL

MSBA Graduate Program ambassador

September 2022- Present

- Organized and led meetings with Gies College of Business prospective students and responded to their inquiries with the Associate Director of recruiting & admissions.

KPMG CSR club

Bangalore, India

Member

January 2021- June 2022

- Mentored financially weak engineering students through online sessions, helped them gain technical knowledge about various technologies and provided career guidance.

AWARDS AND ACHIEVEMENTS

KPMG, Encore Super Team award

2022

- One among the five team members awarded for catering to client deliverables and contributing to internal projects of the company.

TECHNICAL SKILLS

- Languages:** Python(Pandas, Pyspark, Numpy, Matplotlib, SciPy, Scikit-Learn, Seaborn), SQL, R
- Tools:** Jupyter notebooks, AWS, Databricks, Power BI, Tableau, Github, MySQL, Excel, Knime, MongoDB
- Analytical Skills:** Machine Learning(Regression, Classification), Data Warehousing, ETL , Statistical analysis