

Kiran H D

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PROFESSIONAL SUMMARY

Aspiring data analyst with a strong foundation in data manipulation, statistical analysis, and data visualization. Proficient in Excel, SQL, Power BI, Python for analyzing complex datasets and delivering actionable insights. Eager to contribute to data-driven decision-making and continuously grow in the evolving field of data science.

EDUCATION

Bachelor of Engineering (Mechanical Engineering) MVJ College of Engineering	2016 - 2019 Grade: 7.49/10.0
Diploma Rajeev Polytechnic, Hassan	2013 - 2016 Grade: 80.0%
Matriculation (Class X) St. Joseph's High School, Hassan	2010 - 2011 Grade: 58.72%

EXPERIENCE

CAE ENGINEER August 2023 - November 2023
Stumpp Schuele Somappa Springs Pvt. Ltd *Bommasandra, Bangalore*

- Recognized by senior management for reducing material access by 15% and improving material strength by 10% through innovative design modifications.
- Led efforts to eliminate non-operational costs, resulting in a 10% reduction in overall project operational expenses.

CAE ENGINEER December 2022 - February 2023
Xphneo Pvt Ltd, Bangalore *Thubarahalli, Bengaluru*

- Led 5+ VAVE initiatives, reducing material costs by 10%, cutting product development time by 12%, and improving system reliability by 25% through RCA activities.
- Implemented ISO best practices in CAE workflows, enhancing project delivery time by 20% and reducing design revisions by 30%.

CAE ENGINEER July 2019 - December 2022
ATOMMECH *Rajajinagar, Bengaluru*

- Analyzed automotive standards (FMVSS, ARAI, ICAT) for 2W and 4W systems, driving a 15% improvement in product performance.
- Prepared DFMEA and DVP for systems, ensuring compliance with standards and enhancing design reliability.

PROJECTS

TradeWise: Stock Performance Analysis ([Github](#)) ([Demo](#)) July 2025

- Performed EDA on top 20 Nifty 50 stocks to identify trends and patterns.
- Developed a moving average crossover strategy for trading signal evaluation.
- Assessed performance metrics (returns, risk, accuracy) and provided investment insights.
- Tools: Python, Jupyter Notebook, MS Excel, PowerPoint.

Columbia Asia Hospital Project ([Github](#)) ([Demo](#)) February 2025

- Developed Power BI dashboard tracking 5+ hospital metrics, improving decision-making speed by 15%.
- Transformed 9K+ data rows using SQL and Power Query, boosting data accuracy by 20%.
- Created 10+ interactive visualizations with slicers, increasing dashboard engagement by 30%.
- Provided data-driven insights, reducing staffing costs by 10% and boosting patient satisfaction by 15%.
- Tools: Power BI, SQL, MS Excel, PowerPoint, MS Word

IPL Strategy for RCB ([Github](#)) ([Demo](#)) January 2025

- Analyzed IPL player data using SQL to evaluate key metrics (batting averages, strike rates, economy rates), informing RCB's 2017 auction strategy.
- Assessed the impact of bowling styles on wicket-taking, optimizing team strategies and enhancing match preparation.
- Developed visualizations and reports to highlight performance trends, streamlining analysis and enabling data-driven decisions.
- Tools Used: MySQL, MS Excel, PowerPoint, MS Word

AstroSage data analysis ([Github](#)) ([Demo](#)) November 2024

- Conducted data analysis to identify service gaps, including 68% failed consultations and 52.8% agents rated below 4/5, driving targeted improvement strategies.
- Recommended AI chatbot integration for free consultations and load balancing to manage peak call hours.
- Designed agent training programs with performance evaluation to boost customer satisfaction and retention.
- Created data visualizations to support strategic decisions, enhancing engagement and revenue growth.
- Tool Used: MS Excel, PowerPoint, MS Word

CERTIFICATIONS

Professional Certificate Course In Data Science Newton School October 2024

- Pursuing advanced Data Science certification in analysis, machine learning, and visualization.
- Gaining expertise in SQL, Power BI, and statistical methods for data-driven decision-making.

Google Data Analytics Professional Certificate Coursera ([Link](#)) September 2024

- Covers the full data analysis workflow, from cleaning and organizing data to deriving meaningful insights with tools like Excel, SQL, Tableau, and R.
- Focuses on real-world applications, helping you solve data problems and communicate insights effectively.
- Designed for beginners but also deepens knowledge for those with experience, making it versatile and career-focused.

SKILLS

Computer Language: SQL

Soft Skill: Communication Skills, Decision-making, Teamwork

Databases & Data Tools: Excel, MySQL, Power BI, Spreadsheet

Domain & Business Skills: Analytics

Frameworks & Libraries: Microsoft Office

EXTRA-CURRICULAR ACTIVITIES

- Achieved first place in Judo at VTU inter zonal tournament in 2017-18.
- Achieved second place in Wrestling at VTU inter zonal tournament in 2018-19.