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Professional Summary

As a recent post-graduate in Statistics, I possess a strong foundation in analytical, mathematical, and technical skills. I am eager to apply my knowledge in data mining, predictive modeling, and statistical modeling to solve complex business problems. With a focus on continuous development and collaboration, I am committed to utilizing the latest technologies and trends in data science. I have experience in processing and managing Big datasets and building analytical solutions. I am a quick learner and possess strong problem-solving skills that allow me to make good and timely decisions. As a customer-focused and tech-savvy individual, I am confident in my ability to deliver customer-centric solutions and make sense of complex information.

Professional Experience

Data Analyst Intern | Comsense Technologies – Pune , India June 2022 – Sep 2022

- Designed and developed a user-friendly dashboard for HR that reduced time spent on manual data retrieval and entry by 60%, resulting in increased productivity and improved data accuracy.
- Created 3 customizable dashboard options using Power BI and Excel, enabling HR to view data in a way that best suited their needs.
- Participated in 5 training sessions led by experienced professionals and completed over 30 hours of online courses, gaining expertise in data visualization and analysis that resulted in a 25% improvement in the quality of dashboards created.

Projects

Work-Life Balance (During Post Graduation)

- Conducted primary data collection from 300 government and private employees across four areas of Pune using a structured questionnaire, achieving a response rate of 85%.
- Utilized statistical techniques such as Likert scale and index to analyze and draw conclusions from the collected data, resulting in the identification of 10 key trends and insights that were used to inform decision-making.
- Demonstrated proficiency in data collection, analysis, and interpretation, contributing to the successful completion of the project.

Multivariate time series analysis of Indian GDP and it's components (During Post Graduation)

- Conducted time series analysis on 50 years of GDP data from the World Bank, focusing on three key variables: gross capital formation, final consumption expenditure, and GDP .
- Utilized forecasting techniques to predict future trends in the three variables, achieving a forecasting accuracy of 95%, providing valuable insights into potential economic growth and development by identifying a 10% increase in gross capital formation over the next 5 years, a 5% increase in final consumption expenditure over the next 3 years, and a 3% increase in GDP over the next 2 years..

Diabetes Prediction : Using Machine Learning Algorithm (During Graduation)

- Conducted an in-depth analysis of diabetes data for 2,000 women, using multiple machine learning models to identify the best fit.
- Evaluated the performance of different models, including random forest, decision tree, naive bayes, KNN, and logistic regression, achieving an maximum accuracy of 82.75% with the KNN model.

Key Skills and Certifications

Python		SQL query language		Statistical modelling		Excel
Data analysis		Problem-solving skills		Power BI		Communication skills

Education

Year	Degree	Institute	% / CGPA
2023	M.Sc. Statistics	Modern College, Shivajinagar, Pune	9.0
2021	B.Sc. Statistics	Fergusson College, Pune	9.24
2018	HSC	JSSP College ,Thane	81.84 %
2016	SSC	Shakuntala Vidyalaya, Thane	89.40 %