Kurma Viswakanth
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PROFESSIONAL SUMMARY

Data Science graduate with expertise in Python, SQL, Tableau, and Power BI, specializing in machine learning, AI, and data visualization. Delivered predictive models with 97% accuracy and actionable insights that improved business strategies by 15%. Adept at statistical modeling, data-driven decision-making, and crafting interactive dashboards to enhance stakeholder understanding.

SKILLS SUMMARY

Programming Languages: Python, SQL, HTML, CSS
Data Science & AI: Machine Learning, Predictive Modeling, AI Solutions, Data Analysis, Deep Learning
Data Visualization Tools: Tableau, Power BI, Matplotlib, Seaborn
Machine Learning Libraries: TensorFlow, Keras, Pandas, NumPy, Scikit-learn
Database Management: SQL, MySQL
Creative Tools: Adobe Photoshop, Illustrator, Premiere Pro, XD
Operating Systems: Windows, Ubuntu

PROFESSIONAL EXPERIENCE

Data Science Intern (Remote)
Unified Mentor Private Limited – Visakhapatnam, India
Aug 2024 – Present

- Improved business strategies by 15% through actionable insights using Python, SQL, Tableau, and Power BI.
- Reduced decision-making time by 20% by applying statistical methods and hypothesis testing.
- Enhanced reporting efficiency by 25% by designing interactive dashboards for key metrics.

Academic Data Science Intern (Remote)
IBM SkillsBuild and CSRBOX – Visakhapatnam, India
Jun 2023 – Jul 2023

- Improved CSR impact assessment accuracy by 10% through data analysis and AI-driven insights.
- Reduced manual effort by 30% by automating data processing using AI and machine learning.

PROJECT EXPERIENCE

Capstone Project: Breast Cancer Risk Prediction (Python, AI)

- Developed a predictive model achieving 97.08% accuracy using Logistic Regression and SVM.
- Improved model performance by 5% through feature selection and hyperparameter tuning.
- **Tools**: Python, Scikit-learn, Google Colab.

Dog vs. Cat Image Classification (Python, Deep Learning)

- Achieved 92% accuracy by building a CNN model with data augmentation and preprocessing.
- Reduced misclassification errors by 8% using precision, recall, and confusion matrices.

- **Tools**: Python, TensorFlow, Keras, Kaggle API.

World Happiness Report Analysis (Tableau)
- Improved report usability by 20% by creating interactive dashboards analyzing GDP, social support, and life expectancy.
- **Tools**: Tableau, Microsoft Excel.

Amazon Sales Data Analysis (Power BI)
- Increased sales by 10% by designing Power BI dashboards to analyze sales trends and customer behavior.
- Improved data accuracy and reporting efficiency by 15% using DAX and Power Query.
- **Tools**: Microsoft Power BI, DAX, Power Query.

Netflix Movies and TV Shows Analysis (SQL)
- Improved catalog diversity by 12% by analyzing content distribution, ratings, and geographic trends.
- **Tools**: SQL, Kaggle Datasets.

EDUCATION

Master's in Data Science
GITAM University – Visakhapatnam, India
2022 – 2024

Bachelor's in Computer Science
Aditya Degree College – Visakhapatnam, India
2019 – 2022

CERTIFICATIONS
- AI and Machine Learning Specialization
- Data Analytics and Visualization (Accenture Simulation)
- Advanced Power BI and Tableau
- Microsoft and LinkedIn Career Essentials in Data Analysis
- Exploratory Data Analysis for Machine Learning
- Supervised and Unsupervised Machine Learning
- Deep Learning and Reinforcement Learning

LANGUAGES
English, Telugu, Hindi