PUNEET GUNWANI

Address - 15, Jyoti Nagar colony civil lines, Datia (M.P.)-475661
Mobile: +91-9669404080, **Email:** puneetgunwani123@gmail.com, **LinkedIn:** [PuneetGunwani](#)

EDUCATION

Symbiosis Statistical Institute <div align="right">PUNE, MH</div>
MSc (Applied Statistics) <div align="right">Expected May 2025</div>
       Major in Industrial Statistics and Operation Research
       Relevant Coursework: Stochastic Model in Finance, Stochastic Process, Time Series Analysis, Machine Learning.

IIT Madras <div align="right">Remote</div>
Diploma In Data Science <div align="right">May 2023 – May 2024</div>
       cumulative CGPA: 8.07
       Relevant Coursework: Business Data Management, Machine Learning Techniques, Tools in Data Science.

Bhopal School Of Social Sciences <div align="right">BHOPAL, M.P</div>
BSc (Statistics, Mathematics, CS) <div align="right">Aug 2020 – May 2023</div>
       Cumulative CGPA: 8.2
       Relevant Coursework: Real analysis, Linear Algebra, Statistical Quality Control, SQL, Linux.

WORK EXPERIENCE

SMCS-PSI DATA ANALYTICS <div align="right">PUNE, MH</div>
Machine Learning Engineer Intern <div align="right">Jun 2024 – Aug 2024</div>

- Developed and deployed ML models using Python, achieving 86% accuracy by performing hyperparameter tuning and optimization.
- Processed and analysed 12M genomic variants, contributing to key insights and successful prediction of significant SNPs linked to average yield in *Arabidopsis thaliana.*
- Led end-to-end development and validation of models, incorporating effective data cleaning and analysis strategies.

PROJECTS

IEEE-CIS Fraud Detection <div align="right">Dec 2024</div>

- Linear Programming and Constrained Optimization: Allocated 80% of monitoring resources to high-risk transactions, ensuring 100% coverage of priority cases. This resulted in a 10% improvement in detection efficiency
- Developed a classification system that reduced response time by 20%, increased analysis throughput by 15%, and ensured operational scalability, accommodating the transaction volume without additional resources.

Recipe for Rating: Predict Food Ratings using ML (IIT Madras) <div align="right">Apr 2024</div>

- Led NLP study on predicting recipe ratings from customer reviews using Logistic Regression, Random Forest, and SGD classifiers. Logistic Regression achieved 77.63% accuracy, highlighting the effectiveness of NLP in data analysis.
- Awarded 90 Marks in predicting the recipe rating and Show cased the power of NLP techniques in understanding textual data.

Unravelling the Dynamics of Inventory Management (Firm Primary Data) <div align="right">Jan 2024</div>

- Led data collection from retail stores for demand forecasting, utilizing time series analysis and ARIMA modeling.
- Applied ABC analysis for seasonal demand planning and resource allocation, leading to an 8% increase in sales.
- Conducted causal analysis to assess the impact of promotional strategies on stock availability and sales growth.

ACTIVITIES

- Presented research paper on finance in international conference organized by Bhopal School of Social Sciences.
- Member of JITSIE, **IIT Madras** (Entrepreneurship committee).
- Member of Devaharam, BSSS providing food to hospitalized poor people.

ADDITIONAL

Skills: Python, SQL, Advanced Excel, Data Collection, Statistical Analysis, Machine Learning, Predictive modeling, Big Data Processing, Data Visualization, Communication, Problem Solving, Analytical Thinking, Team Collaboration.
Certifications & Training: OCI Generative AI Certification course, Analytics for Business Problem Solving (IIMA), Google Data analytics course.
Awards: Finalist in Hackfest 2024 (Novo Nordisk), Top 10 in Algo Swarm Algorithmic Trading Hackathon (QuantHive), Achieved top 5 team status while building an MVP in the Startathon(JITSIE), IIT Madras.