Ratnesh Dnyaneshwar Patil

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Objective

Seeking an entry-level position to begin my career, where I can utilize my skills and knowledge to contribute to the success and growth of the company.

Experience

On Job Training (OJT) - VITHAI WEAVES PVT LTD   *27/05/2024 - 26/06/2024*

Optimized weaving process efficiency by analyzing daily production data using SPC tools like U-chart, descriptive statistics, and correlation analysis. Collaborated with team members to employ scatter plots, line charts, and U-charts to visualize key variables, assess process control, and make data-driven recommendations for improvement.

Education

SSC, S.D.Kude High School Dharangaon *2018 - 93%*
HSC (Science), Swami Vivekanand Junior College Jalgaon *2020 - 66.77%*
B.Sc - Statistics, Pratap College Amalner *2023 - 80.65%*
M.Sc - Statistics, Dept. of Statistics, KBCNMU Jalgaon *Pursuing, Expected 2025*

Skills

- **Statistical Software Proficiency:** SAS, R, Minitab, Python, Tableau, Power BI, MySQL, MATLAB, Excel
- **Data Analysis and Modeling:** Regression analysis, hypothesis testing, ANOVA, time series analysis, forecasting, machine learning, clinical trials data analysis, multivariate analysis (PCA, factor analysis, cluster analysis)
- **Probability and Statistics:** Strong foundation in probability theory and statistical inference
- **Experimental Design:** Design and analysis of experiments
- **Quality Control:** Control charts, Six Sigma, process capability analysis
- **Data Visualization Tools:** Expertise in creating and interpreting data visualizations using various tools
- **Programming:** Proficient in BASIC, Python, and other programming languages
- **Data Sets:** Experience in handling, processing, and analyzing large and complex data sets

Projects

- **Are Mobile Games Beneficial for College Students?**
  Collected and analyzed primary data from college students using various statistical tools to derive meaningful insights and provide data-driven recommendations.
- **Predicting Rainfall in the Vidarbha Region of Maharashtra Using Machine Learning Models**
  Utilized linear regression, logistic regression, and random forest models to predict rainfall, with the random forest model proving most effective.
- **Comprehensive Sales Data Analysis Using Python**
  Analyzed electronics store sales data over 12 months using Python Pandas and Matplotlib, focusing on trends by month, product type, and location to derive actionable insights. Attention to detail ensured accurate data cleaning and analysis.

Certifications

- **Machine Learning Engineer (AI Analyst)**   *January 2023 - April 2023*
  Symbiosis Skills & Professional University, Pune
- **Data Analytics with Python**   *January 2024 - April 2024*
  NPTEL (Elite status with a score of 76%)
- **Data Analytics, Storage, Mining & Visual Big Data Technologies**   *May 26, 2024*
  Udemy
- **Cognizant - Artificial Intelligence Job Simulation**   *May 19th, 2024*
  Forage
- **Tata Group - Data Visualization: Empowering Business with Effective Insights**   *May 24th, 2024*
  Forage

Declaration

I hereby declare that all the above information is correct to the best of my knowledge and belief.

Reference

Dr. Prof. R. D. Koshti
Assistant Professor, Dept. of Statistics, KBCNMU Jalgaon
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