K H N ANIL KUMAR
Aspiring DATA ANALYST

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SUMMARY

To work for an organization where I could willingly obtain a position that will allow me to utilize My Statistical Concepts and data analytical skills to grow along with the organization's objective. I am passionate about learning and developing my capabilities and competent for working in a team and individually.

TECHNICAL SKILLS

Programming Languages:
• Python
• SQL
• R

Data Visualization Tools:
• Power BI
• MS Office (Excel, word, ppt)

Domain Expertise:
• Time Series Analysis
• Inference
• Hypothesis Testing
• Regression Analysis

POWER SKILLS

• Comfortable working in a team
• Time management
• Empathetic and helpful in nature
• Curious and creative

EXTRA CURRICULAR ACTIVITIES

Attended a workshop on overcome the fear of public speaking | LPU| Jun'23

Attended a Workshop on Business Dashboard using Cognos Analytics conducted by IBM | LPU Nov'23

Member of Club Ortus LPU | Dec'22

EXPERIENCE

Subject Matter Expert   June '23 - Mar'24
Chegg, Inc | Freelancing | Online
Empowering students with in-depth knowledge and providing proficient guidance to excel in their coursework and gain a deeper understanding of statistical analysis and probability theory

INTERNSHIP

Data Analyst Intern | Unified Mentor Virtual   June '24 - July '24
Derived actionable recommendations, demonstrating proficiency in handling large datasets and delivering data-driven solutions for optimizing strategies in both business and agricultural contexts.
- **Amazon Sales Analysis**: Improved business decision-making by identifying high-profit items (cosmetics), purchasing trends (offline purchases), and regional profitability (Sub-Saharan Africa) during Q4 2016 through detailed data analysis and visualization.
- **Crop Production Analysis**: Enhanced agricultural strategies by determining crop production peaks in the Kharif season, rice occupies the largest land area, and 2011 was the year with the highest production, using statistical methods and Data Visualization Techniques.

Data Analyst Intern | Meri Skill virtual   May '24 - June '24
- Increased data analysis proficiency by completing HR-analysis on Attrition rate, and sales analysis in virtual internship projects, by applying Machine learning, statistics, and visualization techniques.
- Improved project management skills, resulting in timely completion of all tasks, by effectively coordinating with team members and utilizing project management tools during the Meri SKILL internship.

PUBLICATIONS

Customized Health Insurance Pricing Algorithm Based on Age   Feb '24 - May '24
Developed a health insurance premium prediction model with K-means and the Elbow approach for exact cluster determination, improving premium estimation accuracy based on age and medical history, and it was reviewed in the 2024 28th International Computer Science and Engineering Conference (ICSEC)

PROJECTS

Enhancing Insurance Premium Predictions with Machine Learning   Mar '24 - May '24
Skillsets: Multiple Linear Regression, Machine Learning, EDA, Python
Achieved 86.65% predictive accuracy using Multiple Linear Regression to predict life expectancy across 193 countries. Implemented rigorous data preprocessing and EDA in Python, revealing insights crucial for informed policy decisions. Identified significant impacts on life expectancy from various factors in which GDP per capita, and healthcare expenditure, emphasizing their critical role in shaping population health outcomes.

Time series Analysis on Lemon production in India using ARIMA Models   Aug'23 - Mar'24
Skillsets: R programming, Time Series Analysis, ARIMA models
Enhanced lemon production forecasting accuracy by utilizing ARIMA models and evaluating performance metrics such as MAE and RMSE. This involved conducting stationarity tests and ACF/PACF analysis to identify positive production trends in Bangalore and Pune, while also detecting seasonal patterns in Hyderabad and Jaipur. My contributions facilitated strategic agricultural planning by forecasting future production trends and implementing detailed model evaluations using R across multiple cities.

CERTIFICATES

Data Analysis with Python	Coursera	Dec '23
R programming	Coursera	Aug '23
Introduction to Data Analysis using Excel	Coursera	May'23

EDUCATION

Master of Science in Statistics and Data Analytics   July '22 - May'24
Lovely Professional University |Phagwara, IN
Percentage 65.0

Bachelor of Science in Statistics   Jun '18 Aug '21
Sir CR Reddy Degree College |Eluru, IN
CGPA   7.56