KUSHAGRA GOYAL
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SUMMARY

Analytics professional seeking internship utilizing exceptional skills in interpreting and analyzing data to help managers make better decisions with strong analytical skills and proficient knowledge in SQL, Tableau, Power BI, Python, R, Statistics and MS Excel.

EDUCATION

University of Connecticut *Hartford, CT*
Master of Science in Science, Business Analytics and Project Management *Dec 2022*
Relevant Coursework: Statistics in Business Analytics using R, Predictive Modeling using SAS JMP, Data Management and Business Process Modeling using Oracle, Introduction to Project Management

Medicaps University *Indore, India*
Bachelor of Technology, Computer Science *June 2020*

SKILLS & CERTIFICATIONS

***Tools and Technologies*:** SQL, PL-SQL, Python, R, Microsoft BI, Tableau Desktop, SAS JMP, Microsoft Excel, Oracle Database, Adobe After Effects, Airtables

Analytical: Logistic and Linear Regression, Data Cleaning, Data Mining, Hypothesis Testing, Probability Distribution, Exploratory Data Analysis, Clustering, Classification, Statistical Analysis, Dimension Reduction (Principal Component Analysis), Predictive Modeling, Decision Trees, Random Forests, Market Basket Analysis

***Certifications*:** Statistics for Data Science and Business Analytics from Udemy, Programming with Python from University of Michigan on Coursera, MY SQL for Data Analytics and Business intelligence from Udemy, R Programming for Statistics and Data science from Udemy.

RESEARCH PUBLICATIONS

- "Kushagra Goyal, Satyam Mishra, Mukul Lakhotia and Prachi Tare" Bias Variance Tradeoff in Classification Algorithms On The Census Income Dataset", Volume 6, Issue 3, 3 June 2019, Pages 5, Paper ID – IJCT-V613P11
  Published Link -http://www.ijctjournal.org/Volume6/Issue3/IJCT-V6I3P11.pdf

EXPERIENCE

Alliant Infotech
Data Scientist (Fraud Analytics) *Jan 2020 – June 2021*

- Observed customer transactions to identify fraudulent activity such as account takeover, friendly fraud, theft, and similar other risks in order to improve the database functioning.
- Monitored real time queues and identified high risk transactions within the business portfolio of travel booking client to minimize theft and fraud thereby reducing potential revenue losses.
- Interacted with banks and customers to validate information and confirm or cancel authorizations to transform the needs of clients into functional and technical requirements and generated suspicious activity reports and risk management reports for managers.

Tools and Technology used: SQL, Python, Tableau

Anaxee Digital Runners
Data Analyst Intern *June 2018– Aug2018*

- Predicted the underperforming sites for a leading pharmaceutical company by collecting and analyzing the data of 100,000 patients.
- Collaborated with the stakeholders to determine success criteria assess the internal and external sources and created parameters to detect the underperforming sites.
- Developed tools and reports that helped understand the impact of each underperforming site.

Tools and Technology used: SQL, MS Office, Excel, R, Adobe After Effects

Anaxee Digital Runners
Data Analyst Intern *Nov 2017– Dec2017*

- Worked with teams to examine and solve business problems by accurately grasping and organizing the data
- Designed and implemented predictive models and cutting-edge algorithms utilizing diverse sources of data to predict demand, risk, and price elasticity, thus enabling more flexible inventory planning and eased delivery system.
- Utilize analytical applications like R programming to identify trends and relationships between different pieces of data, draw appropriate conclusions and translate analytical findings into marketing strategies that drive value.

Tools and Technology used: SQL, Microsoft office, CRM

OTHER EXPERIENCE (Academic Projects)

Title: NYC Rental Price Prediction, UConn, Hartford, CT *Nov 2021*
This was a group project for Airbnb NYC rental price prediction using over 90 variables on the property, host, and past reviews using Linear Regression, Decision Trees, Bootstrap Forests, and Neural network techniques to create models predicting Airbnb rental price using attributes in the dataset.

Title: Movie Recommendation Engine, Medicaps University, Indore, India Nov 2019
Built a recommendation engine with 80% accuracy on movies matching with the user's interest on an IMDB 5000 film data set.