ATUL KUMAR

DATA ANALYST

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SUMMARY

Data Analytics/Data Analyst with 5+ years of experience. Highly skilled in Python, Machine Learning, Data Visualization Using Tableau Desktop. Also skilled in EDA (exploratory data analysis).

KEY SKILLS

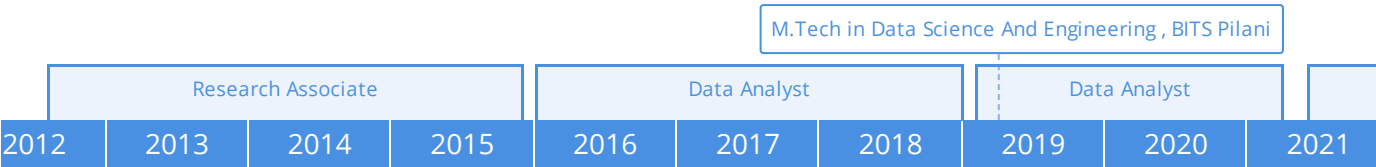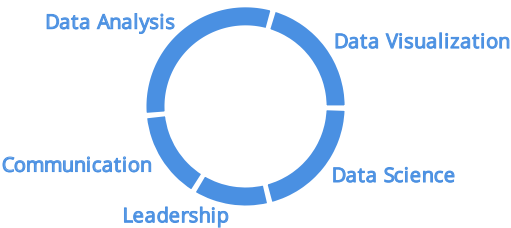|				
Data Analysis	Decision Analytics	Data Science	Big Data Analytics	Predictive Modeling
Data-Driven Personalization	KPI Dashboards	Data Mining	Data Visualization	Machine Learning Algorithms
Business Intelligence (BI)	Research, Reports and Forecasts	Project Monitoring & Management		
Client Relationship Management	Strategic Planning			

TECHNICAL SKILLS

- **Tools/Languages**: Python, Tableau, SQL,DOMO
- **Database**: SQL Server

CAREER SNAPSHOT

M.Tech in Data Science And Engineering , BITS Pilani

Research Associate				Data Analyst			Data Analyst		
2012	2013	2014	2015	2016	2017	2018	2019	2020	2021

AREAS OF EXPERTISE

Data Analysis
Data Visualization
Data Science
Leadership
Communication

PROFESSIONAL EXPERIENCE

Jun '21 - Present

Senior Associate Analyst

Legato Health Technologies │ Bengaluru, IN

Data Science and Analyst

- Created multivariate classification-based model using patient data helping to find the most probable patients
- Developed segmentation models using K-means Clustering for exploring new patient segments
- With the help of Tableau, we created the end-to-end Tableau dashboard solution using the FDA data which helped in finding the adverse events and the reasons for the same.
- This app helped Doctors to analyze the data with ease.
- Deployed Python to develop a patient segmentation algorithm for segregating the patients into various severity. This algorithm helped hospital doctors to target the correct patients on time and helped in the reduction of adverse events by 28%

Performance Enhancement & Business Transformation

- Utilized data mining techniques to resolve a wastage of medical costs which improved the cost-saving of INR 3.2 million
- Achieved an MoM 14% increase in revenue through the application of hospital performance assessment.

Feb '19 - Apr '21

Data Analyst

Eduguide Searchurcollege Pvt. Ltd. | Noida, IN

Data Visualization & Application Development

- Analyzing the total site traffic and categorizing the traffic based on the key features by applying the clustering technique using Python, helped the business to understand the current traffic segments and their choices.
- Applied the time series prediction to understand the traffic over the period of time and plan the marketing actions according to the predictions.
- Analyzing the current trend and giving any intimation to the business about the changes and approach towards expanding the business.

Performance Enhancement & Business Transformation

- Developed and Deployed a segmentation algorithm for boosting sales leads and increasing market share by 34%
- Increased the subscriber base by 10% YoY after implementing the time series analysis and taking marketing correct actions based on the clustering model.

Jan '16 - Jan '19

Data Analyst

Global Standards | Lucknow, IN

Worked with one of the largest hospitals

Data Analysis of New and Existing Ventures According to ISO Standards

- Created the end-to-end Data Preprocessing App for the client who are applied for ISO Certification and helped them to meet the standard parameter of ISO Marks. This was the end-to-end Data Science App where aim was to make the product for the client as a Self Service Data Science solution without a single coding.
- Using SQL, Excel, Tableau for the Data gathering, Analysis, Create Visualizations and Dashboards of the Vendors and Clients.
- Main Challenges is Missing Data and not messed data.

Performance Enhancement & Business Transformation

- With the help of Tableau, we created the end-to-end Tableau dashboard solution using the FDA data which helped in finding the adverse events and the reasons for the same.
- This app helped Vendors to analyze the data with ease.
- Saved 40% of the time in cleaning and processing the data by implementing the End-to-End Data Preprocessing App.

EDUCATION

Dec '19 - Dec '21

Birla Institute of Technology and Science, Pilani

MTech in Data Science And Engineering | Pilani

Data Science and Engineering

Apr '08 - Mar '12	●	**Punjab Technical University**

Bachelors in Computer Science | Punjab

Computer Engineering

CERTIFICATIONS

- **Coursera** ' Machine Learning'
- **Coursera** ' Neural Network and Deep Learning'
- **Udemy** 'Data Analytics with Python'