

Aditya Sharma

📍 Nagpur, India

✉️ duke.adi48@gmail.com

☎️ +91-9356581605

in <https://www.linkedin.com/in/aditya-sharma-98a63b28b/>

🔗 <https://github.com/adi-kgp>

👤 Profile Summary

- Experience in the domain of Political Consultancy, Data Science, Mathematical Modeling and Business Intelligence and Project Management.
- Hands-on knowledge of basic and advanced functions in PowerBI, Tableau, Python, Pandas, PySpark and SQL.
- Highly efficient in social work and leadership qualities while dealing with various stakeholders and around 300 workers.

👛 Professional Experience

Campaign Operations Associate

Nov 2023 – Jan 2024

Indian Political Action Committee (IPAC) 🌐

Kolkata, India

- Contributed in designing Electoral Campaigns for the present ruling political party in West Bengal (AITC) to maximize their win in General Elections 2024.
- Analyzed and prepared presentation for Jharkhand government to convince them to partner with the company which has a clear intention to help Jharkhand government (JMM) win the upcoming elections in 2024.

Associate Data Scientist

Oct 2021 – Feb 2022

Sigmoid 🌐

Bengaluru, India

- I worked on the creation of intermediate tables and views as datasets for further downstream analysis while working with a client in Health sector, and dashboard generation on PowerBI while working with a client in Life Insurance domain.
- I also helped everyone involved in better understanding of the data and business processes which helped in improving teams' communication with clients and faster problem resolution.
- I have a good hands-on experience working with SQL (Amazon Redshift, MySQL, MS-SQL Server, PostgreSQL), Python and PySpark programming.
- Expert knowledge of Front End Dashboard Generation using Tableau and PowerBI (Power BI Desktop, Power Query Editor, M language, Connecting with different data sources etc.).

Project Manager

Nov 2018 – Nov 2019

Murphy Tech Solutions

Karnal, India

- I managed the entire operations for the Property House Tax Survey conducted in the state of Haryana. For the collection and maintenance of house tax, municipal corporations decided to carry out survey using latest technologies involving drones, satellite images and an android application.
- I managed more than 300 surveyors and 10 back panelists deployed for conducting app based survey in various cities across Haryana state. Streamlined the entire survey workflow by coordinating with the developer team for app updates and reports for monitoring the back panel team performance.

Business Analyst

Aug 2015 – Mar 2016

Moksha Productions

New Delhi, India

- I worked on improving the overall business performance of a relatively new company. My role included cost optimization, process improvement in work flow, forecasting and capacity planning, TAT optimization and KPI management.
- I extensively used SQL and Excel to extract insights from historical data. I performed ARIMA time series modeling for sales prediction. I used new performance metrics for a more accurate analysis of individual teams' productivity and quality of work.

Research Associate

Jun 2014 – May 2015

Max Plank Institute of Molecular Plant Physiology

Potsdam, Germany

- I worked on finding variation within a local Arabidopsis population cluster using genomics, phenomics and metabolomics.
- I analyzed rad sequenced Illumina raw reads using pipelines like Shore, CLC Genomics, GATK, Sam tools.
- Test statistics like Fischer's test, fixation index, Tajima's D were calculated to check the differences in the estimates of allele frequencies among the plant populations.

Skills

Python



Numpy, Pandas, Scipy, Sklearn

SQL



MySQL, T-SQL, Amazon Redshift, PostgreSQL

PySpark



Power BI



Tableau



MS Excel



MS PowerPoint



Certifications

Programming for Everybody (Getting Started with Python)  (Python Syntax And Semantics, Basic Programming Language, Computer Programming, Python Programming),

Python Data Structures  (Python Syntax And Semantics, Data Structure, Tuple, Python Programming),

Using Databases with Python  (Python Programming, Database (DBMS), Sqlite, SQL),

SQL for Data Science  (Data Science, Data Analysis, Sqlite, SQL),

Inferential Statistical Analysis with Python  (Confidence Interval, Python Programming, Statistical Inference, Statistical Hypothesis Testing),

Fitting Statistical Models to Data with Python  (Bayesian Statistics, Python Programming, Statistical Model, statistical regression),

Data Visualization and Communication with Tableau  (Data Analysis, Tableau Software, Data Visualization (DataViz), Visualization (Computer Graphics)),

Machine Learning Foundations: A Case Study Approach  (Python Programming, Machine Learning Concepts, Machine Learning, Deep Learning),

Machine Learning: Regression  (Linear Regression, Ridge Regression, Lasso (Statistics), Regression Analysis),

Machine Learning: Classification  (Logistic Regression, Statistical Classification, Classification Algorithms, Decision Tree),

Complete Machine Learning and Data Science Bootcamp 2021  (Machine Learning 101, Pandas, Numpy, Matplotlib, Supervised learning (regression and classification), two milestone projects, neural networks, data engineering, storytelling and communication.),


Data Science and Supply Chain Analytics: A to Z with Python  ((Time Series Forecasting, Multi Product Optimization, RFM Analysis, Inventory Simulations, Consumer Behavior and Pricing)),


Algorithmic Trading and Quantitative Analysis using Python  (Importing financial data, web scraping, sentiment analysis, technical indicators, kpi measurements, automated trading system, value investing, backtesting strategies)


Publications

Development of a Time-To-Detect Growth Model for head treated *Bacillus cereus* spores  28 Apr 2013
Elsevier: International Journal of Food Microbiology

Education

Integrated Dual Degree (B.Tech+M.Tech) 2009 – 2014
Indian Institute Of Technology Kharagpur  Kharagpur, India
CGPA: 7.72 / 10

Higher Secondary Certificate, Maharashtra Board 2007 – 2009
C.P. and Berar High School and Junior College  Nagpur, India
Percentage: 82.33 %

Secondary Certificate, Central Board of Secondary Education 2007
Bishop Januarius Memorial Carmel Academy  Chandrapur, India
Percentage: 93.2 %