

Kunal Sharma

+91 9810239051 | kunal3122001@gmail.com | kunalsharma2001.github.io | github.com/KunalSharma2001 |
linkedin.com/in/kunal-sharma-3b35661a8/

Motivated Final Year B.Tech student majoring in Computer Science and Engineering. Skilled in Data Analysis, Machine Learning, and Software Development. Seeking a challenging role to contribute technical expertise and problem-solving abilities for organizational as well as personal growth

EDUCATION

Pranveer Singh Institute of Technology

B.Tech in Computer Science
and Engineering

Current GPA - 7.3 | Duration - 12/2020 - Ongoing

- **Courses:** Object Oriented Programming, Artificial Intelligence, Database Management, Data Structure & Algorithm, Machine Learning...

KIIT World School

Passing Year - 12/2020

Percentage - 73.5%

- **Courses:** C++/Python Programming, Physics, Chemistry, Mathematics

EXPERIENCE

Reset Network OPC Pvt. Ltd, Associate Software Developer Intern | Remote (Delhi, India)

March 2022 - Oct 2022

- Analyzed audio data and pre-processed it for an online streaming platform using Machine Learning.
- Developed Python scripts for seamlessly automating audio diving into chunks process.
- Established a system for seamless communication between the S3 Bucket and artists, facilitating the uploading of details and tracks.

PVA India, Data Analyst Intern | NSP, Delhi

Jan 2020 - Feb 2022

- Conducted extensive exploratory data analysis and detected seasonality patterns in sales records to identify key industry events. The results were then utilized to help fine-tune several recommendation systems that recommend marketing investment strategies.
- Conducted hypothesis testing to ascertain the effectiveness of marketing strategies and advertising campaigns.
- Developed a propensity model using python by utilizing ARIMA forecasting technique to understand prospective customers and achieved 4.5% MAPE with 95% confidence interval.

SKILLS

Languages	Python, C/C++, Matlab, Git, Bash, HTML/CSS, Rust
Frameworks	Tensorflow, PyTorch, YOLO, Mage, Sklearn, Flask, MySQL, BigQuery
Technical Tools	PowerBI, Tableau, Looker, Postman, GCP, AWS, Jupyter Notebooks, Arduino, RaspberryPi
Certifications	Google Data Analytics - Coursera(2024), Machine Learning Specialization - Coursera(2023)
Soft Skills	Problem-solving, Critical thinking, Leadership, Data Analysis, Research

PROJECTS

AI Trading Bot – Machine Learning , Lumibot, Artificial Intelligence,

Jan 2024 - April 2024

- Automated Profit Optimization: Developed a cutting-edge trading bot that leverages machine learning to identify market trends and execute automated trades, aiming to maximize profits for the user.
- Leveraged forecasting techniques and strategic analysis to identify undervalued stocks with high growth potential.

Uber Data Analytics – GCPVM(ComputeEngine), GCP storage, Mage, BigQuery, Looker

Aug 2023 - Oct 2023

- Led the development of an interactive NYC Uber taxi data dashboard, enhancing data-driven decision-making.
- Utilized GCP storage and VM Instance for efficient data modeling and implementing a Mage data ETL pipeline.
- Conducted data analysis with BigQuery using SQL and created an engaging dashboard with Looker Studio.

Sales forecasting – Forecasting, Pandas, NumPy, Tableau

Jan 2023 - April 2023

- Implemented a time series forecasting project to predict sales for 45 Walmart stores. This significant improvement in accuracy allows for data-driven decision-making.
- The improved sales forecasts empowered data-driven staffing decisions, potentially leading to optimized staffing levels and improved customer service.
- Interactive Tableau Dashboard: Developed a user-friendly, interactive Tableau dashboard to visualize and communicate sales forecasts and key metrics to stakeholders. This facilitates clear communication and informed decision-making.

Exploratory Data Analysis (EDA) – NumPy,Pandas, Seaborn, Matplotlib, Plotly

Jan 2023 - April 2023

- Conducted EDA on Netflix, YELP and Amazon Prime Video datasets, unveiling patterns and relationships through Data Visualization using Matplotlib, Plotly, and a Tableau dashboard.
- Applied Data Preparation and Cleaning techniques to handle null values and missing data, ensuring robust analysis.