Navin Kumar Singh

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# SUMMARY

Self-motivated & **data-driven enthusiast** with experience as an intern in data science and services. Gained hands-on experience in **deploying statistical methods** to **analyze data and generate insightful business reports** for top-level management and key stakeholders.



# KEY SKILLS

* **Data Analytics • Data Mining • Data Visualization • Data Manipulation • Data Extraction • Report Generation • Data Systems**
  + **Dashboard Management • Regression & Segmentation • Statistical Analysis • Performance Tracking • Advanced Excel**
* **Business Intelligence • MS Office (Excel, MS Word, PowerPoint) • MS Excel text functions • Pivot tables • Problem-Solving Skills**
* **Database:** MySQL, SQL Server
* **Data Science Tool kits/ Packages:** Scikit, NumPy, Pandas, Selenium, Beautiful Soup, Matplotlib, Seaborn, SciPy
* **Programming Tools/ Languages:** Python, SQL
* **Data Visualization:** MS Excel, Power BI
* **Statistics and Machine Learning:** Descriptive & Inferential Statistics, Classification, Regression, Decision Tree, Random Forest, Naive Bayes, KNN, K-means

# EXPERIENCE

* **Data Integrity Analyst** [**Click here**](https://github.com/ksingh9398/DS_Certificate/blob/main/Oneorigin%20Experience%20letter%20-%20Navin%20Singh.pdf)

**OneOrigin Technologies India Pvt. Ltd. | Bangalore| June 2024 – June 2025 |**

* Managed and maintained datasets using Google Sheet, Microsoft Excel, and MS Office tools to ensure data accuracy and consistency.
* Performed data entry and regular updates, maintaining integrity across multiple databases and spreadsheets.
* Conducted quality assurance (QA) analysis to detect and resolve data discrepancies.
* Utilized ChatGPT and AI tolls to streamline data processes and enhance productivity.
* **Data Science Intern** [**Click here**](https://github.com/ksingh9398/DS_Certificate/blob/main/Navin%20Kumar%20Singh%20-%20Internship%20Certificate%20.pdf)

**Flip Robo Technologies LLC | Sep 2023 – Mar 2024 |**

***Data Analysis, Exploration & Process Optimization***

* Completed **data preprocessing, cleaning, and wrangling** to prepare data for modeling
* Gained experience with **data visualization and exploratory data analysis**
* Identified, analyzed, and interpreted trends in complex data sets using **supervised** and **unsupervised learning techniques**
* Contributed to the **development of predictive models** to solve business problems, such as **customer churn and product demand forecasting**
* **Developed effective presentations and visualizations** to communicate complex technical concepts to non-technical stakeholders

# PROJECTS

## Indian Crimes Report [Click here](https://github.com/ksingh9398/Capstone-Project-/blob/main/Project%20Crimes%20Report%20in%20India%20Part%201.ipynb)

* **Overview:** Conducted a detailed analysis of crime data spanning multiple years and states/UTs, focusing on factors such as population,

literacy rate, area, and various types of crimes.

* **Tech Stack:** Python,ML, MySQL, Excel, Statistical Method
* **Solution:** Generated insights such as factors contributing to crime in sensitive areas, recommendations for crime reduction strategies, identification

of safe and unsafe districts, and other observations from the **K-MEAN** clustering algorithms. **|**

## Churn on Telecom Customers [Click here](https://github.com/ksingh9398/Evaluation-project-Phase/blob/main/Project%20_Churn%20on%20Telecom%20Customer.ipynb)

* **Overview:** Developed a predictive model to forecast customer churn rates using machine learning techniques and customer data.
* **Tech Stack:** Python, ML, Statistical Method
* **Solution:** Deployed the final model to predict churn rates for new customer data, providing insights into customer retention strategies and

Potential risk factors with an **accuracy of 87.43 % |** 

# EDUCATION

## B.Sc. In Physics | Mar 2018 – Mar 2022 |[Click here](https://github.com/ksingh9398/DS_Certificate/blob/main/Graduation.jpg)

## Patliputra University Patna, Bihar



# COURSES & CERTIFICATIONS | Mar 2023 – Apr 2024 |

**PG Program in Data Science, Machine Learning & Neural Networks** [**Click here**](https://github.com/ksingh9398/DS_Certificate/blob/main/Data%20Science.pdf)

## Data Trained Education Pvt. Ltd.

*During this period I learnt, practiced and utilized my learning during my internship and projects*

* Proficient in **Python and SQL** for data manipulation, analysis, and visualization
* Strong foundation in hypothesis testing, regression analysis, and probability theory for **data-driven decision-making**
* Skilled in data cleaning, preprocessing, and working with **SQL and NoSQL databases**
* Comprehensive knowledge of **machine learning algorithms, including decision trees, random forests, and K-mean**
* Effective **communication of data insights**, along with an understanding of **data ethics and privacy considerations**



**Birth Place**: Mohanpur Doghra, Patna, Bihar 801103