

NISHA CHOUDHARY

Phone: +91 9468978278

Email: nishachoudhary164@gmail.com

LinkedIn: <https://www.linkedin.com/in/nisha-choudhary-726381179/>

GitHub: <https://github.com/nisha1365>



PROFESSIONAL SUMMARY:

Currently Working as a Programmer Analyst (AI & ML) at Cognizant.

EDUCATIONAL QUALIFICATIONS:



- **Amity Institute of Applied Sciences, Amity University Noida** 2022
MS Statistics | 9.02 CGPA
- **Sangam University, Bhilwara (Rajasthan)** 2019
B.Sc (MATHEMATICS) | 9.33 CGPA
- **Kendriya Vidyalaya, Bhilwara** 2016
Sr. Secondary (C.B.S.E) | 80.0%
- **Kendriya Vidyalaya, Bhilwara** 2014
Secondary (C.B.S.E) | 9.20 CGPA

INTERNSHIPS:



- **IIT Guwahati | Data Science Intern/Summer Internship**
 - **Projects** – Campaigns annual revenue | company's campaign revenue price prediction using RandomizedsearchCV and Grid | Future prediction.
 - Used Lasso Regression.
 - Completed all quizzes and Project at the end of internship.
- **DPhi | Data Science and Intern.**
 - **Project** – Deep Learning using neural networks
 - Used the neural networks in AI project for the prediction of male and female on the basis of the Image processing and train and test csv's.
 - Classification of images folder to the named csv files using the ImageDataGenerator.
- **PRAYAS – GYWS(IIT Kharagpur) | Data Analyst**
 - Gathered data for Political Consultancy of kharagpur and Medinapur regions of West Bengal.
 - Python coding for graphical views and made reports on them with a team.
 - Word Document reports weekly.
- **DHRITI-The courage within | Analyst**
Project for the Handicraft and Handlooms sector in India (Specifically for North-East India).

ACADEMIC PROJECT:



EDA and Sales Conversion Optimization (Data Vizualization)| Tool- Python

- Used matplotlib and seaborn python libraries for different kind of data visualizations.
- Used different codes for the classification of the data on the categorical variables.

Detecting Customer Reviews using NLP | Tool – Python

- Used stemming, lemmatization, nltk module, stop words, TF-IDF vectorizer.
- Setting some Benchmarks for good and bad reviews standards.

SKILLS:



- **PYTHON** (*Proficient*)
- **R** (*Proficient*)
- **SQL** (*Beginner*)
- **MS-Office** (*Proficient*)
- **Statistics and Mathematics**

OTHER PROJECTS WITH CERTIFICATIONS :



HACKATHON – Machine Learning project (Revenue Prediction)

- Used pipeline with Linear Regression, Standard Scalar and Robust Scalar.
- For model fitting RandomizedSearchCV used to get valid and accurate estimates.
- $R^2 = 0.80$.
- 80% accuracy. (<https://bit.ly/3fZ2DmK>)

Deep Learning Project and AI (Image Gender Prediction)

- Used Sequential model from tensorflow Keras.
- MaxPooling and BatchNormalization with loss equals to “sparse categorical crossentropy”.
- Image Data Generator and Inverse Transformation.
- 86% accuracy. (<https://bit.ly/3E6EzpV>)

NLP Project (Star Ratings prediction on the basis of customer reviews)

- Data Cleaning (removing emojis and extra html text).
- CountVectorizer for number of features.
- Stemming and MultinomialNB for model fitting.
- 76 % accuracy. (<https://bit.ly/3AaWhre>)

Data Science Project – Dphi

- ML Project – Survival of the patient within one year.
- Label Encoding.
- Used XG Boost.
- 100% accuracy. (<https://bit.ly/3WZGvcl>)

Kaggle Competition (D2C)

- ML Project – A Online order will be cancelled or not.
- Used CatBoost Classifier.
- 31st Rank in Hackathon. (<https://bit.ly/3EsqAwh>)

Pandas project (quizzes, exercise on real-world dataset)

Python basics (quizzes, exercise on real-world dataset)

Data Vizualization using Matplotlib (quizzes, exercise on real-world dataset)

Explainable AI (quizzes, exercise on real-world dataset)

Unsupervised Learning (quizzes, exercise on real-world dataset)

- Python 100 Days of Code
- Machine Learning, Data Science and Deep Learning with Python
- The Complete SQL 2022
- Python for Data Science and Machine Learning Bootcamp

VOLUNTEER :



1. Red Dot Foundation

- Attended community events and meetings to promote organizational goals.
- Helped organizations plan fundraising events and campaigns.
- Learned tasks quickly to improve performance.

2. Atypical Advantage

- Developed worksheets and copied documents for meetings.
- Prepared promotional messages for social media posts and videos.

LANGUAGES :



- Hindi
- English