

NIPUN KHARE

Indore, Madhya Pradesh, India.

Email: nipunnk95@gmail.com || Contact No: +91-8461859088

LinkedIn: [linkedin.com/in/nipunkhare](https://www.linkedin.com/in/nipunkhare) || Github: github.com/nipunkhare

EDUCATION

Devi Ahilya Vishvavidalaya, Indore
MS, Data Science and Analytics

2019-2021
Pursuing (8.1 CGPA)

Devi Ahilya Vishvavidalaya, Indore (IPS Academy)
BS, Physics and Electronics

2016-2019
Aggregate 72.45%

Prestige Public School, Indore
Senior Secondary Examination, Central Board of School Education

2016
Aggregate 7.2 CGPA

Prestige Public School, Indore
Higher Secondary Examination, Central Board of School Education

2014
Aggregate 8.8 CGPA

EXPERIENCES

Data Scientist – Bioscan Research, Ahmedabad

(May 2021 – Present)

- Development a data model to increase the efficiency of the primary device by more than 35%
- Designed an interactive interface to evaluate the vitals of brain scan results to help doctors diagnose TBI expeditiously.

Data Analyst Intern – DigiOwner, Indore

(March 2021 – April 2021)

- Worked on development of an AI enabled Chabot for the organization and created a client oriented scrapper to extract out relevant data.
- Managed the data at initial stage to provided relevant information and helped generating leads for sales, marketing and pitching team.

PROJECTS

Advance Location Analysis & Prediction Model Using Machine Learning

2020

Built a platform that applies ML algorithms and libraries like Geocoders, pandas, Seaborn etc., to analyze and predict a perfect place to open a new business depending upon the initial conditions. Used Foursquare for coordination details.

YouTube Comment Analysis

2020

Did sentiment analysis of YouTube comments of the latest farmers' protest using NLP and designed a custom dictionary for the same.

COVID19 Growth Analysis

2020

Using machine learning algorithms, built an early model to predict the number of case in absolute terms in India with over 98% accuracy

DGWHyperloop

2017-2019

Worked on laying foundation of Asia's first Hyperloop Company. Hyperloop is a high-speed Transportation Project. Secured partnerships with AiCTSL Indore, IES-IPS Academy and UCSB Hyperloop. Also worked in close tandem with Madhya Pradesh state government for the same.

Air Ink

2019

During the Bachelor's degree program, completed a 1-month Internship project from ISLE IPS Academy Indore, titled,

"Air-Ink, Making Ink from Air Pollution" and fashioned a working prototype device for the same.

RESEARCH EXPERIENCE

Effect of Affinity and Linkage Metrics on Agglomerative Clustering

2020

Guide: Mr. Avinash Navlani, Sr. Data Scientist, DAVV

A study of greedy strategy of Hierarchical Clustering and its efficiency on various parameters.

Algorithmic Analysis of Indian Hyperloop Corridors

Ongoing

Performing a supervised analysis of major proposed Hyperloop routes across India. Also, determining the Route feasibility in the economic and technical domain.

Demand Forecasting Analysis

Ongoing

A theoretical analysis of a common demand forecasting prediction based on fundamental derivatives

TECHNICAL SKILLS AND INTERESTS

- **Programming Skills:** Python, R
- **Database:** SQL
- **Tools:** Advanced Excel, Power BI
- **Interests:** Machine Learning, Data Analysis, Business Development, Targeted Marketing, Sports, Social Studies and Economics

CERTIFICATIONS

- IBM Data Science Professional Certificate
- Machine Learning for Business professionals from Google
- Fundamentals of Digital Marketing from Google
- Financial Markets from Yale University
- R Programming from The Johns Hopkins University
- Financial Programming and Policies: Macroeconomic Accounts & Analysis from International Monetary Fund
- Entrepreneurship in Emerging Economies from HarvardX - Initiative by Harvard University

ACHEIMENTS & EXTRA-CURRICULAR

- Partnered with IIT Madras, University of California (Santa Barbara), IPS Academy, AiCTSL Indore and Transportation Department of MP Government for the relevant project.
- Attended the International Conference on, "Recent Advances in Interdisciplinary Trends in Engineering & Applications" at IPS-IES in 2019.
- Participated in the Data Science and Machine Learning workshop conducted by Ethical Edufabrica (P) LTD. at IIT Indore in 2019.
- Received an Award of Excellence from Prestige Institute of Engineering Management & Research - 2018
- Lead the IPS-IES Hyperloop team as a Team Captain for the SpaceX Hyperloop Pod Competition 2018
- Delegated the Global Investors Summit, Indore (2016), the Vibrant Gujarat Global Summit, (2017), i5 Entrepreneurial Summit (2018), IIM Indore
- Represented India as a Global semi-finalist in the Virgin Hyperloop One Global Challenge - 2017
- Associated projects have been featured on **BBC, Fox News, NDTV, The Hindu, Business Insider** etc.