

SNIGDHA DHAMIJA

Contact number: 9992556469

Email: snigdhadhamija@gmail.com

Linkedin: [linkedin.com/in/snigdha-dhamija-47645a206](https://www.linkedin.com/in/snigdha-dhamija-47645a206)

A passionate Data Science professional skilled in machine learning, data analysis, and predictive modeling using Python, SQL, Tableau, and Power BI. Delivered end-to-end data projects, transforming raw data into actionable insights to drive business outcomes.

Skills

- **Programming:** Python, SQL, R (Pandas, NumPy, Scikit-learn, TensorFlow)
- **Data Visualization:** Tableau, Power BI, Matplotlib, Seaborn
- **Machine Learning:** Regression, Classification (Logistic Regression, SVM, KNN, Random Forest, XG-Boost)
- **NLP:** Text Preprocessing, TF-IDF, Sentiment Analysis
- **Data Management:** Data Cleaning, Feature Engineering, Preprocessing
- **Project Management:** Curriculum Development, Workshop Planning, Stakeholder Communication
- **Transferable Skills:** Team Collaboration, Analytical Thinking, Project Management, and Attention to Detail

Professional Experience

Pregrad, Delhi, India

JAN 2025 - Present

Freelance Data Science Trainer

- Delivered beginner-friendly **data science training sessions**, simplifying complex concepts like **Python and Machine Learning** for practical understanding.
- Designed **hands-on exercises and real-world examples**, enabling learners to grasp industry-relevant skills in short time.

ReGex Software Services, Jaipur, India

JULY 2024 - OCT 2024

Data Science Trainer

- **Designed and delivered data science training** (Python, Power BI, SQL) focused on ML, statistics, and data analysis.
- **Improved learner outcomes** by 20% using interactive teaching methods.
- Conducted **assessments** and real-world **case studies** to assess practical application.

Technook.ai, Delhi, India

JUNE 2023 – SEPT 2023

Data analyst intern

- **Analyzed large datasets and generated actionable insights using Python and SQL** that improved business outcome.
- Created **dynamic dashboards in Power BI** to visualize KPIs, streamlining reporting processes

Tech Analogy, Delhi, India

MARCH 2023 – MAY 2023

Market Research Analyst intern

- Conducted **quantitative and qualitative market research** using Python, Tableau, Power BI, and Excel for strategic decisions.

Projects

- **Website on real estate dataset of Gurgaon (CAPSTONE PROJECT):**
Built a website with **price prediction, recommendation engine, and insights module** for Gurugram's real estate market.
- **ML Credit Card Fraud Detection**
Built a robust machine learning pipeline to detect fraudulent credit card transactions using Python. Leveraged techniques like **data preprocessing, feature engineering, and model evaluation** to achieve high accuracy and optimize fraud detection.
- **Heart Disease Prediction**
Developed a predictive model to identify the risk of heart disease using **logistic regression** and **decision trees**. Conducted **exploratory data analysis (EDA)** and implemented **cross-validation techniques** to ensure reliable performance.
- **DL Colour Classifier**
Designed a **deep learning model** using **TensorFlow** and **Keras** to classify colours with precision. Applied **convolutional neural networks (CNNs)**, improving prediction accuracy through **hyperparameter tuning** and **performance monitoring**.

Education

- Masters of Data Science (Certification) — 2024
- Bachelor in Commerce (Honours), Delhi University — 2023
- Data Analysis and Interpretation Course — 2022

Certification

- Python for Data Science
- Machine Learning Specialization (Coursera)
- Tableau Desktop Specialist