# Ashish Santosh Jaiswal

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Available: Jan - August 2026

## EDUCATION

**Northeastern University**, Boston, MA                             Sept. 2025 – Present

**Khoury College of Computer Sciences**                       Expected Graduation: Sep 2027

Candidate *for Master of Science in Data Science*

Related Courses: Essential of Data Science, Data Structure and Algorithm, Unsupervised Machine Learning, Natural Language Processing, Advanced Machine Learning

**SVKM Institute of Technology, India**                             Aug. 2029 – July 2023

*Bachelor of Technology Computer Engineering*

Related Courses: Database Design and Management, Object Oriented Design, Data Mining

## TECHNICAL KNOWLEDGE

**Programming Languages**: R, Java, Python, SQL-Lite, Py-spark, Data Structure & Algorithms

**Data Science, Analytics & Data Visualization**: Machine Learning, Deep Learning, Statistical Analysis, Predictive Modelling, Data Mining, Feature Engineering, Artificial Intelligence, Tableau, Power BI

**Operating Systems:** Windows, MacOS, Linux

**Databases:** MySQL, MongoDB, PostgreSQL

**Cloud Platforms, Big Data Technologies & Tools:** AWS, Git, Docker.

## PROFESSIONAL EXPERIENCE

**Airox Technologies Pvt Ltd , India**                             Aug 2023 - Feb 2025

Jr Data Scientist

- I analysed healthcare data to reduce processing time by 40%, forecasted 3+ years of oxygen generator demand with 25% accuracy while identifying key market segments, and developed three machine learning models to predict future trends and demand for stakeholders.

**BCG - Virtual Internship**                                         June 2022 – Aug.2022

Data Science Intern

- I developed a customer churn analysis simulation using advanced data analytics that identified 15 essential client variables and reduced analysis time by 30% through a strategic investigation approach. I engineered and optimized a random forest model achieving 85% accuracy in predicting customer churn. I delivered data-backed insights to the Associate Director through orchestrated presentations that reduced data gathering time by 25% and accelerated decision-making.

## ACADEMIC PROJECTS·

**Exploratory Data Analysis of Maine Trust Local News**            Sept. 2025-Dec. 2025

**Northeastern University**, Portland, Maine

- **End-to-End Subscription Data Analysis Pipeline** | Python, SQL, Power-Bi , Machine Learning
  Engineered automated ML- ops pipeline for 500K+ subscription records with data cleaning, exploratory analysis, and time series forecasting. Implemented multiple forecasting models and ANOVA analysis, exporting insights to Tableau/Power BI dashboards for quarterly business reviews.

**Build and Implemented Smart Helmet and Tool Kit**               Oct. 2023 – Mar. 2023

**SVKM IOT,** Mumbai, India

- Engineered a smart helmet integrating 5 sensors (alcohol, fuel, accelerometer, GPS) and GSM module, reducing accident response time by 40% with 90% detection accuracy.