

# ASHITA SHARMA

DATA SCIENTIST - Machine Learning Developer, Data Analysis, & Data Statistics

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📍 Brampton, Ontario

in [LinkedIn](#)

🐙 [GitHub](#)

## SKILLS

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- **Programming & Analytics:** Python (Pandas, NumPy, Matplotlib, Scikit-learn, BeautifulSoup, smtplib).
- **Data Visualization & Reporting:** Power BI, Matplotlib, Seaborn to create interactive dashboards.
- **Web Development Tools:** HTML5, CSS3 for developing UI designs and structuring interactive web pages.
- **Cloud Platforms & Fundamentals:** Azure Fundamentals, data analytics, Validation & deployment.
- **Machine Learning:** Supervised, Unsupervised, Reinforcement Machine Learning Algorithms.

## WORK EXPERIENCE

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### Operations Manager

February 2025 - Present

*Smart Route Logistics Limited*

*Ontario*

- Managed Canada Cartage transportation coordination using ERP/CRM systems, overseeing 150+ freight requests, shipment scheduling, carrier audits, and digital compliance documentation.
- Processed payroll for 75+ warehouse and transportation staff using Excel, ensuring labor cost control, workforce scheduling accuracy, and secure logistics data management.
- Monitored logistics project budgets through Excel dashboards, preparing 20+ monthly freight cost estimates, route planning analyses, and resource allocation reports.
- Analyzed transportation operations data using Excel, KPI tracking, and performance metrics, improving overall end-to-end supply chain workflow efficiency by 22%.

### Community Service Worker

September 2021 - January 2025

*Hopelife Migrant Settlement Services*

*Ontario*

- Strengthened 200+ new immigrants and refugees with housing, language programs, and community service access, ensuring timely assistance and service accuracy.
- Designed personalized service plans for 150+ clients monthly, analyzing client data, optimizing support allocation, and improving service delivery efficiency by 20%.
- Managed documentation, filing, and audits for over 300 records, utilizing advanced Excel and accounting software, ensuring 100% data accuracy and compliance.
- Coordinated with external agencies and local authorities to implement support programs, facilitating integration services for 180+ clients monthly.

### Managing Director

April 2015 - September 2021

*Annapurna Metal Works*

*India*

- Led 50+ staff using ERP, Excel dashboards & MIS tools; tracked KPIs, optimized workflows, improving efficiency by 20% through system integration.
- Automated 10+ departmental processes via digital systems, cloud documentation & database tracking; increased annual output by 25%.
- Managed budgets for 15+ projects using Excel forecasting, financial software & data reporting tools; improved reporting accuracy by 30%.
- Analyzed KPIs through BI dashboards, data analytics tools & reporting systems; reduced operational inefficiencies by 18% via tech-enabled reviews.

### Assistant Professor (Electronics & Communication Er.)

July 2011 - June 2012

*National Institute of Technology*

*India*

- Delivered lectures to 120+ undergraduate and postgraduate students on Digital Circuit Design, Analog Communication, and Semiconductor Physics per semester.
- Developed 15+ innovative course materials and lesson plans aligned with departmental strategies and industry standards, enhancing curriculum applicability and student engagement.
- Facilitated 5+ workshops on signal processing and circuit design, integrating real-world examples, analytical tools, and corporate input for practical learning exposure.
- Assessed and graded assignments and examinations for 200+ students, ensuring accurate evaluation reporting.

### Associate Software Engineer

August 2009 - December 2010

*IBM*

*India*

- Executed Functional Integration and Verification Testing on Siebel EIM, validating 100+ business requirements using structured test cases and documentation workflows.
- Operated IBM DB2, Siebel Tools, and AIX to run complex database queries, ensuring accurate data retrieval, integrity, and performance validation across modules.
- Constructed 50+ test scenarios, QA documentation, and verification protocols to track functional requirements and ensure high-quality software delivery within project deadlines.
- Collaborated with developers and QA teams, maintaining 100% efficiency to resolve 30+ system defects.

## PROJECT EXPERIENCE

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### E-Commerce Customer Segmentation System

**GitHub Link:** [Link](#)

*Data Scientist, Ontario*

- Designed unsupervised ML pipeline using K-Means, Agglomerative Clustering, Python, Pandas, NumPy, Scikit-learn, Seaborn, and Matplotlib, identified 4 key customer segments.
- Performed exploratory data analysis, feature engineering, outlier removal, dataset cleaning, normalization, standardization, dimensionality reduction, and validation on datasets exceeding 50+ records.

### Loan Approval System

**GitHub Link:** [Link](#)

*Data Scientist, Ontario*

- Built end-to-end supervised ML pipeline using Logistic Regression, KNN, Naive Bayes, Python, Pandas, NumPy, Scikit-learn, and Jupyter Notebook on 25+ applicant records.
- Conducted binary classification, feature selection, scaling, model tuning, hyperparameter optimization, precision recall evaluation, cross-validation, and confusion matrix analysis achieving 92% accuracy.

### House Price Prediction Model

**GitHub Link:** [Link](#)

*Data Scientist, Ontario*

- Built predictive regression models using Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, XGBoost, Featuretools, and Jupyter Notebook for datasets exceeding 20+ housing records.
- Performed feature engineering, encoding, normalization, imputation, correlation analysis check, scaling, and exploratory data analysis improving model accuracy by 12%.

### Amazon Price Tracker Automation

**GitHub Link:** [Link](#)

*Python Developer, Ontario*

- Developed automated price tracking system using BeautifulSoup, Python, Requests, Selenium, Pandas, CSV, SQLite, and extracting over 5+ product records daily.
- Implemented notification alerts, Python bot automation, scheduled scripts, data logging, exception handling, and HTML parsing, reducing manual tracking efforts by 90%.

## EDUCATION

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### M.Tech - Electronics & Communication Engineering

August 2007 - July 2009

*National Institute of Technology, India*

### B.Tech - Electronics & Communication Engineering

August 2003 - July 2007

*Guru Nanak Dev University, India*

## CERTIFICATIONS

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- Python for Data Science - IBM
- Data Analysis with Python - IBM
- Microsoft Azure Fundamentals (AZ-900)
- ISTQB Certified Foundation Level Tester
- Siebel 8.0 Essentials Course Certified