

Nikita Gaurihar

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EDUCATION

Northeastern University, Boston, MA

Expected Graduation: May 2023

Master of Science in Information systems (GPA: 4.0/4.0)

Relevant courses: Application Engineering and Development, Data Science, Advanced Data Science, Data Management and Database Design

Welingkar institute of management, Mumbai, India

May 2020

Post Graduate Diploma in Management

Relevant courses: Advanced Business Statistics, Machine Learning, Predictive Analytics

Dr Babasaheb Ambedkar College of Engineering & Research, Nagpur, India

May 2016

Bachelors in Electronics and Communication Engineering

Relevant courses: Computer Communication Network, Network Theory

WORK EXPERIENCE

Capgemini Ltd., Mumbai, India

August 2020 – August 2021

Associate Consultant | Project Management | Sustain Lead

- Maintained smooth integration of real-time data into responsive **data visualizations** in the form of KPI using VVM tool.
- Performed daily data quality health checks for 6 client portfolios deployed on production environment to ensure data **quality assurance**.
- Managed change procedures for field adjustments and created Standard Operating Procedure to streamline operations.
- Performed **Root Cause Analysis** and suggested service improvement plan and solutions for SLA failures using **JIRA** tool.
- Successfully lead the migration of client data and portfolios from VVM to new visualization tool 'VVM Rapport'.

Proctor & Gamble

October 2019 – March 2020

Data Analytics Intern | HR Analytics

- Performed **Exploratory Data Analysis** and **Data Preprocessing** on the given employee dataset using MS Excel and Python.
- Performed **Hypothesis testing** and developed a logistic regression model using IBM SPSS to derive key driving factors for employee attrition.
- Created a profile-based model using the **decision tree** approach to determine attrition based on tenure & promotion during their tenure.

Tech Mahindra Ltd., Pune, India

August 2016 – July 2018

Software Engineer | Salesforce Admin

- Administered, maintained, and configured the Salesforce application for 2000+ users.
- Designed & deployed customized cloud solutions in a **declarative environment** to support critical business functions.
- Worked on SOQL queries with Automation Tools like **Validation Rules, Workflow Rules and Process Builder**.
- Developed workflow rules, tasks, and email alerts to assist with maintaining the **Service Level Agreement** for 5000+ tickets.
- Conducted **mass data migration** and cleansing and performed **ETL Processes** using Data Loader.

TECHNICAL SKILLS

- **Programming:** Python, R, SQL, Git
- **Cloud:** Salesforce - Data Loader, Workbench, etc.
- **Statistical Tools:** IBM SPSS, MS Excel, Hypothesis Testing
- **Data Visualization:** Tableau, Seaborn, Matplotlib, MS Excel, etc.
- **Project Management Tool:** JIRA, SAP, etc.
- **Database & ETL:** Microsoft SQL Server, SSIS, Erwin data modeler, lucid chart, draw.io, etc.
- **Data Science Frameworks:** Scikit-Learn, NumPy, Pandas, Neural Network, Data Annotation - 'labelling', Web Scraping- BeautifulSoup, TensorFlow, Keras, NLP.

ACADEMIC PROJECTS

Multiclass Classification of Weather Image Dataset from Kaggle

November 2021 -December 2021

Northeastern University | Python, TensorFlow, CNN Keras

- Created a Multi-Class Classification model to identify the weather class from 1500 labelled images.
- Constructed a Deep Learning models of 5-layer Convolutional Neural Network with TensorFlow followed by the hyperparameter tuning.
- Trained the network with accuracy of 78.32% on validation dataset.

Kaggle Competition – Mobile Price Range Prediction

October 2021 - November 2021

Northeastern University | Python

- Performed Exploratory Data Analysis followed by feature engineering and feature selection using OLS - statsmodels Python package to solve multiclass classification problem with balanced dataset.
- Trained 3 different Machine Learning algorithms and used GridSearchCV to find the best hyperparameters for each algorithm.
- Achieved 88.52% test accuracy for the best performing model.
- Secured 1st position with 98% categorization accuracy at 11th attempt.