

# Nishant Shah

## PGD Data Science and Analytics

A very keen ambivert who loves to crunch data and have a good grasp over Statistical Learning Techniques, Machine Learning Algorithms and Python (NumPy, Pandas, Seaborn, Matplotlib, and Machine Learning Libraries) with hands on experience in OLTP systems using SQL with good command over Big Data technologies – Hadoop, Hive, and Spark along with Data visualization tools like Tableau and MS Excel.

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## WORK EXPERIENCE

### Technical Recruiter

Collabera Services Pvt. Ltd

01/2019 - 01/2020

#### Achievements/Tasks

- Expertise in sourcing, screening, interviewing, negotiating salary and onboarding of hired candidates mainly into Technical Competency Unit.
- Managed data integrity within the applicant tracking system, ensuring timely entry and visibility of recruitment activity within ATS/CRM technologies.
- Won "star performer of the month" award consecutive for 3 months

### Unit Manager

Pacific Investments

05/2017 - 12/2018

#### Achievements/Tasks

- Business development through connector tie-ups, collection and customer acquisition.
- Risk to return assessment to show which type of investment approach may suit best.
- Marketing campaigns like Investment fairs

## EDUCATION

### PG Diploma in Data Science

Manipal Academy of Higher Education

01/2020 - 01/2021

### B.E Electrical

Sarvajanik College of Engineering & Technology, GTU

06/2013 - 05/2017

## Certifications & Professional Skills

Data Camp and Tableau Software

#### Courses

- Tableau Analyst
- Credit Risk Modeling using Python
- Customer Analytics using Python
- Aware of various AWS services(Amazon EC2, RDS, S3, VPC, IAM etc.)
- Deep learning with Artificial Neural Network and Convolutional Neural Network .
- Hands on experience in scraping data using BeautifulSoup from websites and analyzing the pattern.

## SKILLS

Python

SQL

MS Excel

AWS

NLP

Web Scraping

Data wrangling

Tableau

Data Dashboarding & Visualization

Communication

Presentation

Problem Solving and Ideation

Critical thinking

Negotiation skills

Hadoop

Hive

Spark

Big Data Analytics

Text Analytics, Machine Learning, Deep Learning

## PERSONAL PROJECTS

### Bank Loan Data Analysis

- A bank data which checks for the approval of loan.
- Performed various data preprocessing techniques: handling missing values, feature engineering and feature selection.
- Used SVM (83%), Random Forest (91%) and XG Boost (86%).
- Deployed a machine learning model using Flask on Heroku

### Customer Sales Data Analysis

- Used a marketing firm data to analyze customer behavior to make key business decisions.
- Performed various EDA and statistical process for data analysis.
- Decision tree model performed better with an RMSE of 2645.
- Product category and city proved to be critical in predicting the purchase amount for a customer

### Employee Data Analysis

- Designed a regression model to help the organization gauge the chances an employee will leave the company.
- Takes into account decision variables like salary, monthly hours worked, projects worked on etc.
- Performed initial analysis to find trends and observations. Model building done using logistics regression, decision trees and random forest models.
- Achieved a model accuracy of 95% with decision trees to determine if the employee leave or not.
- Employee satisfaction level and projects proved to be decisive in the employee's decision to leave or not.

### Data Analysis and Visualization using Tableau

- Performed data analysis and created dashboard and stories on retail data.

### Product Recommendation Engine using Pyspark

- Working on Amazon apparel data to build a recommendation engine

## INTERESTS

TV Series & Documentaries

Meditation

Teaching

Event Management, Marketing