

Nishi Ajay Mandhana

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EDUCATION

University at Buffalo, State University of New York

(Expected Dec 2022)

M.S. in Data Science

Relevant Courses: Statistical Learning and Data Mining, Intro to data-driven, Data Models Query Language, Introduction to Machine Learning and Modeling, Distributed Systems

Shri Ramdeobaba College Of Engineering And Management, (Nagpur MH, India)

(Oct 2021)

B.E. in Computer Science

Relevant Courses: Data Warehouses and Mining, Database Management System, Mathematics, Information system.

CERTIFICATIONS & TECHNICAL SKILLS

Analysis Tools: Jupyter Notebook, Orange, Weka, MATLAB, Rstudio Programming , MS Excel, MS-Office

Programming Language: SQL, Python, R, HTML, CSS

Database: MySQL, Oracle 11g, Rdbms || Software: SQL Server, PowerPoint, Android studio, Salesforce

Operating System: Linux, Windows || Hardware: Arduino, Bolt IoT

Certifications: Google AdWords, IoT, Digital Marketing, C++

ACADEMIC PROJECTS

911 Call Data Analysis, University at Buffalo, USA

(Oct 2021 – Dec 2021)

- Classify and provide Statistical Analysis of 911 calls based on timestamps for Montgomery country large dataset
- Performed Quantitative Analysis on 3 categorical features in Dataset which consist of 9 features and 663523 columns
- Identified top 5 Zip codes for 911 calls and predicted yearly trends of calls based on the types of incidents
- Presented findings and results of trend using data visualization to show them on the map and Excel giving the user dynamic drilldown of call record for the data in a year-wise fashion
- Develop data processing scripts using python, data models using SQL, and optimize complex SQL queries

Predication of CPI Using Machine Learning, University at Buffalo, USA

(Oct 2021 – Dec 2021)

- Forecast Consumer Price Index (CPI) Index before US gov. base on US Bureau dataset with an accuracy of 89% to help government draft effective policies and estimate the inflation/deflation of a country
- Used time series Machine Learning models like regression, clustering, Convolution Neural Networks to identify the underlying pattern for the CPI fluctuations to produce a better fit model
- Develop data processing scripts using Rstudio, data normalization, and hypothesis testing, classification methods

Common Data Base For Faculty, Rcoem, Nagpur MH, India

(Jul 2018- Sep 2018)

- Led a team of 4 individuals, held project planning meetings, [design execution validation activities](#)
- Solved data redundancy problem for faculty by 82%
- Designed website portal according to database schema which was configured using Mysql database
- Built ER diagram using Weka and then populate data in Mysql used SQL on a dataset to search query
- Establish client-server relationship using common Data Base Portal

BUSINESS EXPERIENCE

SQUPUS Pvt Ltd, Hyderabad, India

(Jan 2020-Jun 2020)

Data Analyst Intern

- Identified available resources to transform complex business requirements into technical specifications to design more useful project plans to justify client needs
- Build AI for everyone using KKN, Supervise and Unsupervised model and write concise code in python
- Analyze marketing strategies, business requirements and produce specifications for any change to an application
- Successfully delivered 1 project in a span of 6 months of Data Analyst internship.

itpreneurs technology Pvt Ltd, Pune MH, India

(Sep 2020-Feb 2021)

Salesforce Administrator

- Learning Salesforce Administrator fundamentals like creating objects, workflow, process builder, tabs, and using data loader to take excel data according to business needs of the customer.
- Built CRMs and develop cloud solutions using apex programming for business model.

Shravtech pvt ltd, Pune, MH, India

(Feb 2019-March 2019)

Intern

- Designed an online solution and developed easy to use GUI for physical office appliances which allow the owner to control his/her office appliances control using IoT service.
- Collected that data to give a report on electricity saved using excel to facilitate in optimum electricity usage

PATENT - Title: Smart Lid for Fuel Tank Application Number: 201921048797

(December 2019)