**Nisha Krishnankutty**

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**SUMMARY**

Motivated, team-work oriented and responsible Data Analyst with significant experience in data visualization and analytics certification program from the University of Minnesota. Highly educated, possessing a Master of Science in Computer Science.

**TECHNICAL SKILLS**

MS Office, SQL, VBA, Python, API’s, Panda, Matplotlib, MongoDB, MySQL, HTML/CSS, JavaScript(D3.js,Leaflet.js,Plotly.js), R, Tableau, Git/Github

**PROJECTS**

**Movie Investor Guide**| [**https://github.com/Congo-Kid/FuzzyWuzzy/tree/NishaKrishna** |](https://github.com/Congo-Kid/FuzzyWuzzy/tree/NishaKrishna%20|)

**Role: Team member**

This project explores a list of movies released between 1919 to 2017 and gives various plots that helps a movie producer to help with the investment decisions.

* Plot the top 5 movie genres by popularity and ROI. This gives a great visibility of different genres and their popularity over 98 years.
* Plot the top directors by genres based on popularity and ROI.
* 3 dimensional plots are created to display the ROI by genres over the span of 98 years.

Tools/languages used: Python, Pandas, Matplotlib, Jupyter notebook

**Movie Investor ETL project** | <https://github.com/nishapkrishna/ETL-Project> |

**Role: Team member**

The goal of this project is to create an ETL (Extract, transform and load) process that pulls the data from various CSV files and load the cleansed data to MySQL tables using python.

* The data in the csv files were cleansed using python programs
* The cleaned-up data were loaded to MySQL tables programmatically

Tools/languages used: Python, Pandas, MySQL, Jupyter notebook

**Real Insights – US Home price analysis** | <https://stormy-oasis-20946.herokuapp.com/> |

**Role: Team member**

The goal of this project is to use API calls to fetch and return nationwide real estate data from multiple sources and then visualize that data to illustrate how property values have changed over time all over US during a period of 23 years

* MongoDB and Flask API were used to collect and organize data
* Various visualization charts and animated maps were created using the below tools

Tools/languages used: Plotly, Chloropleth, Flask API, Mongo DB, HTML, CSS

**EXPERIENCE**

**IT Associate Projects and Team Lead –****Cognizant Technology Solutions - India** **2008 - 2009**

Key responsibilities:

* Lead the IBMi software development team for various Cognizant customers.
* Helping with the analysis of credit card management system for JPMC to document the business rules and mapping extracted rules with existing functionality.
* Lead the development work for the team and facilitate bug fixing.
* Assumed QA responsibilities on various IBM mainframe support projects and helped driving the projects to a successful completion.

**EDUCATION**

**University of Minnesota**, St. Paul, MN: Data Analytics and Visualization bootcamp (Currently pursuing)

**Bharathiar University**, Tamil Nadu – India : Master of Science in Computer Science

**Bharathiar University**, Tamil Nadu – India : Bachelor of Science in Computer Science