**Nisha Krishnankutty**

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**SUMMARY**

Driven team-oriented Data Analyst with significant experience in data visualization and analytics. Experience as a Team Lead executing, developing and implementing action plans, strategies using visualization tools, research, advanced data analytics, and testing.

**TECHNICAL SKILLS**

MS Office, SQL, VBA, Python (NumPy, Pandas), API Interactions, Matplotlib, MongoDB, MySQL, HTML/CSS, JavaScript (D3.js, Leaflet.js, Plotly.js), R, Tableau, Hadoop, Machine Learning, Git/GitHub

**PROJECTS**

**Movie Investor Guide**| <https://github.com/nishapkrishna/Project1-Movie-Investor-Guide>

**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, Choropleth, Flask API, Mongo DB, HTML, CSS

**Cinematic Crystal ball – Movie investor prediction** | <https://github.com/nishapkrishna/Project3-Crystal_Ball>

**Role: Team member**

This project explores a list of movies released between 1919 to 2017 and is designed to assist aspiring film investors in their decision-making process by indicating whether a film will be profitable based on a set of user-specified criteria

* A new website was created using HTML, JavaScript, CSS with various plots on ROI by genres, directors and actors
* Liner regression methods are used to predict the success of movie.
* Tools/Languages used: MySQL, Mongo DB, Python, Pandas, JavaScript, HTML, CSS, Flask API, Sci-Kit Learn

**EXPERIENCE**

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

* Successfully lead the IBMi software development team for various Cognizant customers.
* Effectively assisted with the analysis of credit card management system for JPMC to document the business rules and mapping extracted rules with existing functionality.
* Proficiently lead the development and facilitation trouble shooting technical issues.
* Assumed QA responsibilities on various IBM mainframe support projects and helped drive the projects to a successful completion.

**IBMi Programming Trainer - Escube Technologies, India** (2005-2008)

* Successfully initiated and implemented IBMi programming training for 6 different batches.
* Effectively assumed HR responsibilities working with to assist in recruiting process.

**EDUCATION**

**University of Minnesota**, St. Paul, MN **Data Visualization and Analytics Certification, May 2019**

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

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