Gyan Kadariya

Personal Info

Address
Faifield, Ohio

Phone
5139736282

E-mail
gyankadariya@gmail.com

Software/Programming Languages

Tableau

Excel

OpenRefine

PowerBI

Python

SQL

R

Skills

Database Design and management

Data Analysis

Pattern and Trend Identification

Visualizations and data insights

Regression Analysis

Forecasting

Projects/Experience

2019-01 - 2020-06

UMD Stormwater Management Storymap

https://storymaps.arcgis.com/stories/97872e1e496b4f63a5972cd0c4b9a677

- Designed storymap templates using ArcGIS for UMD college of agriculture and natural resourcesto be implemented as an extension for their upcoming AgroEcology Corridor Project.
- Gathered UMD stormwater management data to be used for the Storymap template.
- Developed manual for client explaining how they can use the ArcGIS software to edit thestorymap to fit their needs.

2019-08 - 2019-12

Prince George’s County Food Safety Web Application

- Developed an application by working in groups that allows Prince George’s County residents tosearch for restaurants that are safe within the PG county area.
- Collaborated with the team to come up with a simple front-end design for the application thatallows users to easily navigate through our application.
- Implemented Prince George's County API to provide the web application with live data to update the map regularly.

2018-08 - 2018-12

Database design: World War II Sunken Ships

- Led a semester-long group research project on developing a database focusing on WWII sunkenship. MySQL was used to design ERD diagrams, run queries, views, triggers, and events.
- Performed a secure back up the WWII sunken ship database to avoid malfunction and loss of data.

Education

2016-08 - 2020-05

University of Maryland, College Park

Bachelor of Science in Information Science

Related Coursework

2019-01 - 2019-05

Data Science Techniques (*University of Maryland*)

- Utilized Python libraries like pandas, NumPy, Matplotlib, and SciPy to test different statisticalmodels such as OLS, linear regression, multiple linear regression, and training linear models.
- Applied supervised and unsupervised learning to analyze datasets for clusters and find any hidden patterns withinthe dataset.

2019-08 - 2019-12

Data Sources and Manipulation (*University of Maryland*)

- Used OpenRefine to clean data by clustering, and faceting to prepare datasets for analysis.
- Worked with Reddit and stack exchange API to extract data about different sub-communities andtrends within the two applications by using client secret, access token, and client id.

2021-06 - 2021-07

IBM Data Analyst Professional Certificate (*Coursera*)

- Studied data wrangling techniques such as removing duplicates values, deletion and imputation of missing values, formatting data, and subsetting data.
- Designed dashboard using IBM cloud to display dynamic visualizations with sales data.
- Analyzed survey data through RDBMS (relation database management system) using SQL and python to find patterns about emerging technologies in the future.

Certificates

2016-05 Cisco Certified Entry Networking Technician,

2016-05 Cisco Certified Networking Associate Routing and Switching

2021-07 IBM Data Analyst Professional Certificate