**Diana Dinshaw**

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GitHub: <https://github.com/deedeeshaw>

**Professional Summary**

I am a result-driven Data Analyst with newly acquired skills in Python, SQL,and JavaScript from the University of Arizona Data Analysis and Visualization Bootcamp. A former special education professional with 10 plus years of experience collaborating with teams, I possesses analytical, problem-solving, time-management, and decision-making skills. I am a detail-oriented and organized professional who is open to opportunities in a dynamic environment with potential for growth.

*Technical Skills:*

Databases: MySQL, MongoDB

Tools: Visual Studio Code(VSC), MySQL Workbench, Excel-Pivot Tables, Jupyter, Tableau

Languages: Python **(**Pandas, Matplotlib,beautiful soup, flask, sqlalchemy)

front end technologies - html, javascript

*Projects:*

**Citi Cycle Ridership:**

For this project, I compared data from March 2018 with data from March 2019 to determine if there was an increase in overall ridership, in women riders and change in user type.

<https://github.com/deedeeshaw/cycle-trips>

Responsibilities:

* cleaning the data using MySQL
* visualizing the data in Tableau
* plotting the bike stations using Leaflet
* creating a table using JavaScript
* presenting the information on a webpage using flask

Tools and technologies:

* JavaScript, Leaflet, d3, python, pandas flask, MySQL, tableau, html, VS

**Usage of Ride Share in Rural, Urban and Suburban Areas:**

In this project I created a bubble chart and pie charts to display the relationship between aspects of ride sharing (number of drivers, total fare and number of rides) in rural, urban and suburban areas.

* <https://github.com/deedeeshaw/Matplotlib_Ride_Share>

Responsibilities:

* manipulating the data into tables using pandas
* creating the charts using matplotlib

Tools and technologies:

* Pandas, Matplotlib, Jupyter

**Impact on Reading and Math Scores in Schools:**

In this project I used two datasets providing information about the school (size and budget) and students (reading and math scores) to analyze if the school size and cost per student had an impact on student’s math and reading scores.

* <https://github.com/deedeeshaw/pandas_CitySchools>

Responsibilities:

* manipulating the data into tables using pandas

Tools and technologies:

* Pandas, Jupyter

**Experience**

**Specialist - Exceptional Student Services**, 2011 - Present

**Great Hearts Academies** – Phoenix, AZ

**Key Achievements:**

* Developed standard operating procedures (SOP), which communicated practice expectations and maintained consistent results.
* Used SharePoint to develop a dashboard, which made for more efficient navigation.
* Created surveys which collects data to improve and direct professional development of team members.

**Education**

**Certificate – Data Analysis and Visualization Bootcamp**

**University of Arizona** – Phoenix, AZ

**Masters – Early Childhood Special Education**

**Southern Connecticut State University** – New Haven, CT

**Masters – Business Administration (Managing Information Systems)**

**Institute of Business Administration** – Karachi, Pakistan

**Post Graduate Diploma – System Analysis and Design**

**Institute of Business Administration** – Karachi, Pakistan