BRIAN MALLARI

Data Science Graduate
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EDUCATION

- **MASTER OF INFORMATION – LIBRARY AND INFORMATION SCIENCE, DATA SCIENCE CONCENTRATION |** Rutgers University | January 2017 – May 2019 | 3.96 GPA
- **BACHELOR OF SCIENCE – MATERIALS SCIENCE AND ENGINEERING WITH MINOR IN JAPANESE |** Rutgers University | September 2004 – May 2008 | 3.68 GPA

TECHNICAL SKILLS

- SQL (SQL Server, MySQL, PostgreSQL)
- Excel (pivot tables, XLOOKUP, formulas, conditional formatting, charts, cleaning data)
- Tableau Public
- Power BI Desktop
- Looker
- Python (pandas)

USEFUL IT CERTIFICATIONS

CompTIA DataSys+, CompTIA Data+, CompTIA Security+, CompTIA Network+, CompTIA A+

GUIDED PROJECTS

- **Data Professional Survey –** Performed cleaning and dashboarding of data from a survey taken by various data professionals. This guided project is based off of content created by Mr. Alex Freburg on his platform, Analyst Builder. Technology utilized – Power BI Desktop
- **US Household Income** (Data Cleaning and Exploratory Data Analysis) – Performed cleaning and exploratory analysis of data related to US household income. This guided project is based off of content created by Mr. Alex Freburg on his platform, Analyst Builder. Technology utilized – MySQL
- **World Life Expectancy** (Data Cleaning and Exploratory Data Analysis) – Performed cleaning and exploratory analysis of data related to world life expectancy. This guided project is based off of content created by Mr. Alex Freburg on his platform, Analyst Builder. Technology utilized - MySQL
- **Bike Sales –** Performed data cleaning and conditional formatting of raw data related to bike sales before generating pivot tables, charts, and a dashboard of some findings. This guided project is based off of content created by Mr. Alex Freberg on his YouTube channel, Alex The Analyst. Technology utilized – Microsoft Excel

PERSONAL PROJECTS

- **Unicorn Companies –** Performed exploratory analysis on data relating to unicorn companies, or companies with valuations of at least 1 billion USD, as of March 2022. Technology utilized – PostgreSQL, Python (pandas)
- **Massachusetts General Hospital (Synthetic Data) –** Performed exploratory analysis and dashboarding on synthetic patient data for encounters from January 2011 to February 2022 inclusive with different technologies – Microsoft SQL Server 2022, Microsoft Excel, Tableau Public, Power BI Desktop, Looker, Python (pandas)
- **UK National Rail (Mock Data) –** Performed exploratory analysis and dashboarding on train ticket sales for departures from January 2024 to April 2024 inclusive with different technologies – Microsoft SQL Server 2019, Microsoft Excel, Tableau Public, Power BI Desktop, Looker, Python (pandas)

PROFESSIONAL EXPERIENCE

- **Pharmacy Technician –** *Omnicare of Edison* | Edison, NJ | September 2014 – April 2024
- **Label Filling Tech –** *Royal Care Pharmacy* | Ballston Spa, NY | February 2012 – September 2014
- **Contractor –** *YOH* | Albany, NY | July 2011 – January 2012
- **Ceramic Engineer –** *SCHOTT DiamondView Armor Products, LLC* | Boothwyn, PA | January 2009 – January 2010
- **Ceramic Engineer –** *Dynamic Defense Holdings, Inc.* | Boothwyn, PA | July 2008 – January 2009