Tobias Hollander
Data Analyst

Experienced professional with a background in Early Childhood Educational Centers transitioning to the field of data analytics. Skilled in Advanced Excel, SQL, Python, Power BI, and Tableau. Strong information technology professional with a Bachelor of Science - BS focused in Design and Visual Communications, from Middle Tennessee State University (MTSU).

DATA ANALYTICS EXPERIENCE

Nashville Software School | January 2021 - Present, Nashville, TN
Data Analytics Apprenticeship

An accelerated, full-time bootcamp designed to develop core data analytics and business intelligence skills through individual and team projects.

- Learning how to apply statistical reasoning through hands-on training in the most widely-used tools, including Excel, Python, SQL, Tableau, and Power BI.
- Using real world data to gain practical experience in all stages of the analytics workflow.
- Learning to present findings via presentations and storytelling, building reports, and creating dashboards.

DATA PROJECTS

Nashville Scooters (Python)
Analyze Nashville scooter data across three months to find the ideal scooter density to improve overall transportation planning. For this NSS project, the class was divided into teams. My group was tasked to clean the data.

- Cleaned the trip datasets for the months of May, June, and July. Converted datatypes to calculate the correct duration and distance for scooters, dropped row duplicates for an accurate number of scooters, and dealt with outliers in each dataset.

GDP and Internet Usage (Python)
An exploration of UN data: Gross Domestic Product (GDP) per capita and percentage of Individuals using the Internet.

- Created two data frames for both csv files.
- Subset both data frames down to specific years looking for the minimum and maximum values for GDP and Internet usage.
- Used scatterplots to compare the Internet user percentage by GDP per specified years.
- Merged both data frames to find the countries that have the top 5 and bottom 5 internet user percent and the countries with the top 5 and bottom 5 GDP

Nashville Metropolitan Area
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SKILLS

Programming Languages
SQL, Python (Pandas)

Database
PostgreSQL

Data Visualization
Power BI, Tableau

Spreadsheet Software
Excel/Google Sheets

Source Code Management
Git, GitHub

Graphic & Design Software
Adobe Suite (InDesign, Illustrator, Photoshop)

EDUCATION

**Nashville Software School
Data Analytics Bootcamp
Certificate**
Expected graduation date: April 2021

**Middle Tennessee Sate University
B.S. in Visual Communications**
Murfreesboro, TN

Lahman Baseball (SQL, postgreSQL)

Analysis of baseball statistics though a database consisting of 27 tables using sql queries to compare historical facts. For this NSS project, the class was divided into groups.

- Tasked to find the name and height of the shortest player in the database. Along with how many games the player played and the name of the team for which he played.
- Assigned to find the player who had the most success stealing bases in a specific year. The success rate was measured with conditions as well as which players to consider the most successful.

EXPERIENCE

Creek Wood Academy | May 2019 - December 2020, Franklin, TN

Early Childhood Education Center for children of ages six weeks to Pre-Kindergarten with a program that supports each child's developmental and academic growth.

Teacher

- Partnered with children to customize trusting relationships.
- Used trends and patterns of behavior to better help each child grow in development by personalized approaches in teaching.
- Observed and compared each child's development to the standard developmental milestones for this age group to assess overall development.
- Designed and maintained age appropriate lesson plans for 18-24 month-year old children.
- Kept in constant communication with parents through daily individual reports and monthly reports on the class as a whole to parents.

Cadence Academy Preschool | July 2016 - March 2018, Franklin, TN
Teacher Assistant

Early Childhood Education Center for children of ages six weeks to Pre-Kindergarten with added Kindergarten and School-Age programs. The facility and staff provide an atmosphere that is physically safe and emotionally warm while focusing on development and academic growth.

- Supported teachers in each developmental age group, six weeks—Pre-K by being knowledgable with the differences in developmental milestones for each age range to lead a class with poise.
- Maintained a fun and safe place for a single ratio room of children to navigate their environment with confidence and ease.
- Communicated with parents by sending out daily individual reports.

Banana Republic | August 2015 - May 2016, Franklin, TN
Brand Ambassador

An American clothing and accessories retailer owned by the American multinational corporation Gap Inc.

- Provided outstanding customer service to all BR customers by listening to and incorporating the customer needs.
- Collaborated with colleagues on selecting outfit components to show off the versatility of the clothing to customers.
- Maintained a neat and fully stocked sales floor to optimize customer buying.