

BRANT IVEY

DATA ANALYST & INVENTORY ANALYST

ABOUT ME

When someone asks a question, I want to know more than just the answer. This inquisitiveness led me to the data analytics program at Nashville Software School with a desire to learn the tools that allow me to manipulate complex and varied data to generate meaningful conclusions for business decisions. Armed with the tools learned, knowledge gained from hands-on projects, and my professional supply chain experience, I know that I will be a valuable resource to any organization seeking more than just an answer.

DATA EDUCATION

Nashville Software School
Data Analyst

Six-month part-time intensive introduction to data analytics and business intelligence process and tools. Emphasis on analytics reasoning through hands-on training on every stage of the analytics workflow. Using real data presented by Nashville employers, learning includes communicating findings through presentations, storytelling, building reports and creating dashboards.

Tools Learned: Excel, Python, SQL, Tableau, and PowerBI

DATA PROJECTS

Capstone

Broadband and the Digital Divide

As a result of the COVID-19 pandemic, broadband access is more important than ever and critical to meet our needs for education, telemedicine, telecommuting, and overall quality of life. As the digital divide grows, many are facing the reality of a lack of broadband access. I used data from the FCC, US Census Bureau, Bureau of Labor Statistics, and TN Ready and found a clear relationship between broadband access and standardized test scores, health care access, unemployment and income in rural communities.

<https://public.tableau.com/profile/brant.ivey>

Tools used: Python, Tableau, Excel

Python Project

Healthcare Bluebook

Utilized multiple sources of Medicare data to compile and visualize differences in procedural costs, amounts billed, and average Medicare allowed reimbursements. Data was compared based on medical entity type, region, city, and doctor utilization based on Medicare's Ambulatory Payment Classification and Healthcare Common Procedure Coding System.

Final analysis used in decision process making for selecting which region or facility provides the most cost-effective results for specific medical procedures.

Tools used: Python, PowerBI

PowerBI project





Metro Nashville Police Department Incidents 2018

Analyzed 2018 MNPDP data to determine dispatch status, types of incidents, time of occurrence, gender, zip code, and the total number of all incidents encountered by the MNPDP.

Final analysis achieved by extracting, transforming, and loading data to create dimensions and measures for the construction of visualizations to provide the end-user with detailed intelligence on the findings.

Tools used: PowerBI, PostgreSQL, Excel

CONTACT

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EDUCATION

Nashville Software School
Data Analytics Bootcamp

University of Tennessee
B.S., Supply Chain Management

SKILL SET

PostgreSQL
Python
Tableau
PowerBI
Microsoft Excel
GitHub
Blue Ridge SCP
Public Speaking
Teamwork
Relationship Management
Process Improvement

DATA PROJECTS CONT.

SQL Projects

App Trader / Lahman Baseball Data

App Trader project utilized SQL database queries to present investment opportunities in Apple App Store and Google Play Store apps based on analyzing costs, marketability, genre, content rating, and potential revenue stream.

Lahman Baseball data was used to practice multiple table joins, CTE's, and window functions across a data set of 27 tables to answer detailed questions ranging from World Series winners, most wins and losses in a season, managerial awards, attendance, and player demographics.

Tools used: PostgreSQL, GitHub

WORK EXPERIENCE

Athens Distributing Company

2015 - Present

Inventory Analyst

- Manage daily replenishment of 500 suppliers, 4500 unique SKU's across 4 distinct markets with annual revenues over \$60M.
- Decreased overstocks by 65% and inventory turns by 58% by analyzing inefficiencies in supplier fill lead times, transportation lead times, category service levels, and product seasonality to construct item forecasts with 98.5% accuracy.
- Communicate weekly with key suppliers to plan for potential out of stocks, improving SKU forecast accuracy and decreasing out of stocks by 15%.
- Participate in monthly sales meetings to plan promotional periods and ensure proper inventory levels to support increased volume resulting in multiple national distributor of the year awards for the organization.
- Plan international and domestic transportation of goods through consolidated multi-modal transportation, while regularly reviewing shipping costs and seeking out new carriers, leading to a 10% decrease in freight costs, inventory lead times, and cycle stock.

Amazon

2014

Area Manager

- Managed team of 120 associates through inbound dock processes of receiving and stowing.
- Analyzed and created a new receiving process resulting in a 25% decrease in labor hours and increase in dock door utilization.
- Lead team in 36 key performance metrics including pallets received per dock labor hour, receiving cycle time and accuracy, stow away cycle time, productivity, and accuracy resulting in a 1st place ranking among Large Sort facilities across the Southeast in the inbound process.
- Reviewed inbound freight analyzing size, weight, and cube of goods to appropriately staff the receiving and stow lines for optimal flow of goods through the inbound cycle and optimization of employee labor hours.
- Supported all safety programs and OSHA compliance to ensure a safe work environment resulting in no major on the job injuries.

Restaurant Professional

1999 - 2013

Assistant General Manager, Inventory Coordinator, Employee Trainer

- Managed the daily operations of a \$2M single unit full-service upscale casual restaurant with 125 employees.
- Analyzed demand forecast and historical data to establish efficient ordering plan resulting in waste reduction of 15%
- Created an immediate inventorying system for over 1000 wines and liquors, ensuring proper storing temperatures and easy access during business hours.
- Evaluated and selected suppliers based on total cost, quality, reliability, and service levels.
- Created employee training programs with an emphasis on service and product knowledge.