Nathanael Washington | Data Analyst
Houston, TX | 832-732-7780| Email **|** Portfolio

EXPERIENCE

Data Associate | Leadership for Educational Equity | Contract |Remote   **April 2024 – October 2024**
- Streamlined the process for monthly data reporting by automating workflows and ensuring accurate performance tracking, achieving a 25% reduction in report preparation time.
- Managed end-to-end national leadership data migration program coordination, delivering seamless execution and increasing data accuracy by 40%.
- Collaborated cross-functionally to perform quality assurance checks on program materials, reducing errors and inconsistencies by 20%.

Lead Analyst | Forsyth Health | Contract | Remote   **January 2024 – June 2024**
- Designed data visualization standards during client onboarding, increasing report adoption rates by 50% and enhancing user experience.
- Delivered multiple high-priority projects with 95% on-time completion, aligning with strategic objectives.
- Created interactive Tableau dashboards tailored to client and leadership needs, delivering real-time insights that boosted revenue by 65%.

Data Analyst | BlueOcean.ai | Remote   **July 2021 – September 2023**
- Designed automated anomaly detection reporting systems using Python and AWS Athena, reducing false positive rates by 50% and improving campaign data accuracy.
- Improved data cleaning and validation processes for industry datasets (e.g., automotive, medical devices), ensuring 50% greater accuracy and reliability in global innovation research.
- Mapped customer journeys across acquisition channels (e.g., Meta, Google, email, organic) to identify high-value sources, leveraging AI for multi-touch attribution and optimizing cross-channel performance, driving a 60% increase in conversion rate for key campaigns.

Data Analyst | Curaytor | Contract | Remote   **April 2021 – July 2021**
- Led an in-depth analysis project resulting in a 25% increase in customer retention rate by optimizing product features based on user behavior insights.
- Designed and implemented interactive dashboards in Domo to track key revenue and growth metrics, providing actionable insights to senior leadership and optimizing sales performance strategies.
- Developed predictive models using Python and Excel, increasing sales lead closing rates by 44% for a real estate SaaS platform.

Wire Clerk/Inventory Analyst | Wireco World Group | Houston, TX   **February 2018-March 2020**
- Analyzed inventory trends using Power BI to optimize stock levels, reducing waste by 40% and ensuring product availability.
- Developed automated reporting tools in Excel to track purchasing discrepancies, improving order accuracy by 30%.
- Conducted root cause analysis on inventory variances, refining procurement, and stocking processes to enhance efficiency and reduce downtime by 20%.

Receiving Lead/Logistics Analyst | DB Schenker | Houston, TX   **March 2013-April 2017**
- Led a team of 25 associates in a warehouse transition, ensuring seamless operations and inventory accuracy with zero disruptions.
- Forecasted inventory needs based on seasonal demand, reducing overstocking costs by 15% and improving procurement planning.
- Managed supplier shipments and coordinated logistics to improve on-time delivery rates, enhancing vendor relationships and reducing fulfillment delays by 25%.

EDUCATION

Data Analytics Immersion Program | Thinkful | Remote   **August 2020 - December 2020**

- Data modeling capstone to create an in-depth business analysis and strategies to increase revenue and decrease cost, created dashboards in Excel to model said business strategies to increase revenue by 17%. Technologies used: Excel (VLOOKUP, INDEX MATCH, PIVOT TABLES), PowerPoint
- This is a statistical analysis capstone in Excel. It analyzes the hypothesis of key factors in determining housing prices, using an Independent Sample t-test to identify profitable homes for future investments. The technologies used are Excel, Tableau, and PowerPoint.
- This is a statistical analysis capstone of Airbnb nightly rental rates in NYC to determine key profitability factors. Using the Pearson R test, boxplot visualizations, and an independent t-test, my analysis discovered that rental rates might negatively correlate with increased reviews. The technologies used are Python (Pandas, NumPy, Seaborn), Tableau, SQL, and PowerPoint.

SKILLS & ABILITIES

Languages: Python | MySQL | Postgres

Software: MS Office Suite | Tableau | Alteryx | Google Suite | Power BI | Domo | AWS | Snowflake | Jira | Zendesk | Clickup | Airtable | Google Analytics | Salesforce | SemRush | Asana | Nielsen | Kantar

Analysis Techniques: Data Cleaning | Data Mining | Data Warehousing | Data Wrangling | Trend Analysis | A/B Testing | Process Automation | ETL | Statistical Analysis