

# Houston Jones

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Results-driven professional with expertise in leveraging analytical methodologies, automation technologies, and business intelligence tools to drive operational excellence and strategic decision-making across healthcare, technology, and media sectors. Strong background in cross-functional collaboration, translating complex datasets into actionable business insights, and implementing data-driven solutions. Passionate about learning new tools and technologies to meet industry needs.

## Technical Skills

Python | SQL | Tableau | Power BI | MS Excel | Google Sheets | Matplotlib Query Optimization | ETL Processes  
Statistical Analysis | Regression Analysis | Dashboards | Reporting | Data Storytelling | Technical Documentation

## Professional Experience

### Field Service Specialist | Radiology Partners

2021 - Present

- Develop and automate custom analytical reports using Python, SQL, and API, reducing manual reporting time by 60%.
- Analyze performance metrics across network and systems and implement improvements, boosting efficiency by 25%.
- Create data visualizations and dashboards using Tableau to support executive decision-making for healthcare facilities.
- Leverage statistical analysis and data mining techniques to identify data trends and patterns, optimizing operations.
- Orchestrate predictive analytics models that reduce system downtime by 30% through anticipatory maintenance actions.
- Collaborate with cross-functional teams to interpret datasets and translate findings into actionable business insights.
- Support Tier 1 & 2 support teams, providing data-driven solutions for clinic, hospital, and remote deployment challenges.
- Streamline operational processes through data analysis, enhancing 20% team productivity and client satisfaction scores.

### Market Researcher II | SecureLink

2018 - 2020

- Analyzed customer data using Salesforce CRM to develop segmentation strategies, improving marketing campaigns.
- Steered customer behavioral analysis to optimize sales funnel conversion rates and reduce customer acquisition costs.
- Built automated reporting dashboards in Salesforce that tracked campaign performance metrics and conversion analytics.
- Implemented data-driven cadence optimization using SalesLoft, resulting in a 40% improvement in outreach response rates.
- Developed predictive lead scoring models using customer behavioral data and demographic analysis.
- Led cross-functional analytics team of researchers in building data visualizations and reporting using advanced tools.
- Designed and delivered market research reports with statistical insights, trend analysis, and actionable recommendations.
- Established data governance protocols and KPI measurement frameworks across marketing and sales operations.

### Freelance Videographer | Self-Employed

2015 - 2018

- Executed video production services from concept to delivery to create optimized multimedia content for clients.

## Projects

### Lyric Analysis Tool

- Developed Python-based analytics platform to perform statistical analysis on lyrical content across 10k+ songs.
- Implemented text preprocessing pipelines and automated data collection system using REST APIs, ensuring data quality.
- Created interactive data visualizations with Matplotlib to identify sentiment trends, vocabulary metrics, and artist analysis.

### Linguistic Pattern Recognition & Database Development

- Engineered text mining solution using Python and Regular Expressions to extract and categorize etymological patterns.
- Designed & implemented relational database schema using SQLite to store linguistic metadata, enabling complex queries.
- Developed an automated classification system in etymology categorization, including Latin, Germanic, and Greek origins.

## Education

### Bachelor of Arts in Electronic Media | Texas Tech University

2015