

SEAN RAMSDALE

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LinkedIn Profile: www.linkedin.com/in/sean-ramsdale-analyst

Business intelligence analyst with expertise in healthcare and data visualization

ANALYTIC AND DATA VISUALIZATION PROJECTS

- Developed public-facing online state health assessment dashboards using Tableau. Worked with data scientists and data engineers to gather, organize and format data for over 200 community health measures used in the dashboards.
- Made a Tableau dashboard that explored the relationship between early childhood education and later academic achievement.
- Built a set of Tableau dashboards on socioeconomic and health factors affecting child welfare nationwide.
- Created public-facing Tableau dashboards in support of a non-profit collaborative seeking to support and mentor foster care children aging out of the system, teens at-risk for dropping out of school and people formerly incarcerated.
- Created a Tableau dashboard to show capacity and utilization for home visiting agencies. The dashboard allowed the user to identify areas short on capacity by filtering on any combination of five dimensions.
- Used Tableau to create a scorecard showing current scores for fifteen metrics as well as longitudinal trends.
- Built detailed need and demand models for 13 health care facilities including hospitals, clinics and assisted living. These models were used to assess the viability of large capital projects, including the construction of new facilities.
- Consulted with hospital system staff to generate detailed 5-year budget forecasts for 10 facilities. The projections for each facility included 144 hospital service metrics.
- Collaborated with staff developers to automate and streamline analytic processes, improving turnaround for clients and reducing errors.
- Used regression analysis to identify trends in historical inpatient hospital utilization and project utilization 10 to 20 years into the future.
- Analyzed utilization and demographic characteristics to establish geographic service areas.
- Researched and assessed market activity to identify competitive threats and opportunities and forecast impact on market share.
- Created a methodology for maximizing performance scores for the Value-Based Purchasing program, which increases or reduces a hospital's Medicare reimbursement by up to 2%.
- Built county composite health scores as part of a community health needs assessment using national data sources. Used z-scores to enable the comparison of 68 health and socioeconomic metrics across 10 counties.

CERTIFICATION

Tableau Desktop Certified Associate

CORE COMPETENCIES

- Design interactive data visualizations using Tableau. A portfolio of Tableau visualizations can be seen at <https://public.tableau.com/profile/sean.ramsdale#!/>

- Manipulate and extract data housed on an Oracle server using SQL, including a table of over 2 million patient encounters from the state data system.
- Use R to organize or aggregate data housed in Excel spreadsheets.
- Statistical analysis techniques such as regression, z-scores and process control charts.
- Create custom buttons, icons and titles in Inkscape.
- Analytical thinker able to solve problems.
- Ability to learn new skills, both self-taught and through formal training. Currently adding to technical skills by learning R and Python.
- Experience working with interdisciplinary teams, including executives, financial analysts, operations personnel, facility planning, software developers and clinicians.
- Familiarity with healthcare terminology and data.
- Adhere to HIPAA privacy practices
- Present analytic results using Excel, Power Point and Word.
- Self-starter able to complete projects independently with minimal oversight.

WORK EXPERIENCE

Accenture, Austin, TX

ANALYTICS ADVISORY SPECIALIST (October 2018 – Current, includes time as contractor)

Grey Ram Analytics, Austin, TX

PRINCIPAL | ANALYST (November 2017 – October 2018)

Management Information Analysis, August, TX

SENIOR CONSULTANT (August 1995 – November 2017)

EDUCATION

MASTER OF BUSINESS ADMINISTRATION, St. Edward's University

BACHELOR OF BUSINESS ADMINISTRATION, The University of Texas at Austin