**Andrew Gonzalez**

**Data Scientist**

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| **Skills.**   * Senior Data Scientist [Company Name], [Location], [Year-Present] * Analyzed customer data using R, resulting in a 20% increase in customer retention. * Developed interactive shiny applications to visualize customer data, leading to a 30% increase in user engagement. * Designed and implemented intuitive dashboards for customers, resulting in improved data accessibility and more informed decision-making. * Developed and maintained R packages for data cleaning, processing, and analysis. * Trained and mentored junior data scientists in best practices for data analysis and dashboard design. * Collaborated with cross-functional teams to identify business needs and provide data-driven insights.   **Languages**  R · SQL · Python  **Tools and Utilities**  RStudio · shiny · SQL· Azure · Jupyter · AWS · git |  | **Overview.**  As a senior data scientist with over 10 years of experience, I am skilled in best practices for data analysis, R programming, and the development of interactive shiny applications. I have a proven track record of providing actionable insights to customers through the design and implementation of intuitive dashboards.  **Professional Experience.**  **Senior Data Scientist**  **[Company Name], [Location], [Year-Present]**  Analyzed customer data using R, resulting in a 20% increase in customer retention.  Developed interactive shiny applications to visualize customer data, leading to a 30% increase in user engagement.  Designed and implemented intuitive dashboards for customers, resulting in improved data accessibility and more informed decision-making.  Developed and maintained R packages for data cleaning, processing, and analysis.  Trained and mentored junior data scientists in best practices for data analysis and dashboard design.  Collaborated with cross-functional teams to identify business needs and provide data-driven insights.  **Education.**  **Doctor of Philosophy in Statistics**  **UCL, London, 2010-2013**  Coursework included statistical theory, machine learning, and data visualization.  Conducted research on Bayesian methods for time series analysis and forecasting.  Developed a dissertation on the application of machine learning to predict stock prices.  **Master of Science in Statistics**  **University of Dundee, 2009-2010**  Coursework included statistical methods, probability theory, and data analysis.  Conducted research on the analysis of high-dimensional data using principal component analysis.  **Bachelor of Science in Mathematics**  **University of Sheffield, 2005 - 2009**  Coursework included calculus, linear algebra, and probability theory.  Conducted research on the application of mathematical models to the spread of infectious diseases. |