**Matthew Green**

**Data Scientist**

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| **Skills.**   * Master of Science in Statistics * Coursework included statistical methods, probability theory, and data analysis. * Conducted research on Bayesian methods for time series analysis and forecasting. * Bachelor of Science in Mathematics * Coursework included calculus, linear algebra, and probability theory. * Conducted research on the application of mathematical models to financial forecasting.   **Languages**  R · SQL · Python  **Tools and Utilities**  RStudio · shiny · SQL· Azure · Jupyter · AWS · git |  | **Overview.**  As a data scientist with experience in statistical modeling, natural language processing, and cloud computing, I have a proven track record of delivering data-driven insights that help customers make informed decisions. My expertise includes developing machine learning models, building data pipelines, and working with cloud-based platforms such as Microsoft Azure. I have also worked on projects related to COVID-19, including developing models to forecast disease spread and resource needs.  **Professional Experience.**  **Data Scientist**  **GSK, London, 2018-Present**  Developed and implemented machine learning models for natural language processing tasks, including sentiment analysis and topic modeling.  Built and maintained data pipelines to support data-driven decision making.  Collaborated with cross-functional teams to develop cloud-based solutions using Microsoft Azure.  Conducted statistical analyses on large datasets to identify trends and patterns.  Worked on projects related to COVID-19, including developing models to forecast disease spread and resource needs.  Worked with customers to understand business needs and deliver data-driven insights.  **Education.**  **Master of Science in Data Science**  **University of bath 2012-2015**  Coursework included statistical modeling, natural language processing, and cloud computing.  Conducted research on machine learning models for natural language processing tasks.  Developed a thesis on the development of a data pipeline for sentiment analysis.  **Bachelor of Science in Statistics**  **University of Bristol, 2008-2012**  Coursework included statistical theory, machine learning, and data analysis.  Conducted research on Bayesian methods for time series analysis and forecasting.  **Certifications**  Certified in Microsoft Azure. |