**Emily Alderson**

**Senior Data Scientist**

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| **Skills.**   * Strong knowledge of statistical methods and best practices for data analysis. * Proficient in Microsoft Azure, including the development of cloud-based solutions. * Experience in leading data science projects and collaborating with cross-functional teams. * Experience in developing and implementing statistical models for predictive modelling and forecasting. * Excellent communication and interpersonal skills. * Ability to collaborate effectively with customers and stakeholders.   **Languages**  R · SQL · Python  **Tools and Utilities**  RStudio · shiny · SQL· Azure · Jupyter · AWS · git |  | **Overview.**  As a senior data scientist with over 12 years of experience, I specialize in statistical modelling and data analysis, with a focus on leveraging data to solve real-world problems. I have extensive experience in leading data science projects and working with customers to deliver actionable insights. I am also proficient in Microsoft Azure, including the development of cloud-based solutions.  **Professional Experience.**  **Senior Data Scientist**  **Janssen, Paris, 2015-present**  Led a team of data scientists in the development of predictive models for COVID-19 trends, resulting in the accurate prediction of disease spread and resource needs.  Collaborated with cross-functional teams to develop cloud-based solutions using Microsoft Azure.  Worked with customers to understand business needs and deliver data-driven insights.  Conducted statistical analyses on large datasets to identify trends and patterns.  Developed and implemented statistical models for predictive modeling and forecasting.  Trained and mentored junior data scientists in best practices for data analysis and project management.  **Data Scientist**  **GreenPlant, London, 2012-2015**  Conducted statistical analyses on large datasets to identify trends and patterns.  Developed predictive models for customer behavior, resulting in improved customer retention and satisfaction.  Collaborated with cross-functional teams to develop and deploy cloud-based solutions using Microsoft Azure.  Conducted research on statistical modeling techniques for improved forecasting.  **Education.**  **Master of Science in Statistics**  **University of Bath, 2012-2013**  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**  **University of bath 2008-2012**  Coursework included calculus, linear algebra, and probability theory.  Conducted research on the application of mathematical models to financial forecasting. |