**Hannah Peters**

**Data Scientist**

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| **Skills.**   * Strong knowledge of statistical methods and best practices for data analysis. * Proficient in data modelling and machine learning algorithms. * Experience in building and maintaining data pipelines to support data-driven decision making. * Excellent programming skills in Python and R. * Proficient in software development and package building. * Ability to communicate complex data insights to non-technical stakeholders. * Strong problem-solving and analytical skills.   **Languages**  R · SQL · Python  **Tools and Utilities**  RStudio · shiny · SQL· Azure · Jupyter · AWS · git  **Education.**  **Master of Science in Data Science**  **University of Exeter 2016- 2017**  Coursework included statistical modeling, machine learning, and data analysis.  Conducted research on classification algorithms for data-driven decision making.  Developed a thesis on the development of a machine learning model for risk prediction.  **Bachelor of Science in Engineering**  **University of Exeter 2012- 2016**  Coursework included statistical methods, data analysis, and computer programming.  Conducted research on data-driven decision making for industrial engineering applications. |  | **Overview.**  As a data scientist with a background in engineering and expertise in statistical modelling, I have a proven track record of developing accurate and efficient algorithms for data classification and risk modelling. My experience includes developing and implementing machine learning models for data-driven decision making, building software packages, and working with large datasets. I am passionate about using data to drive business insights and make informed decisions.  **Professional Experience.**  **Data Scientist**  **DataBC, London, 2018-Present**  Developed and implemented machine learning models for data classification and risk modeling.  Conducted statistical analyses on large datasets to identify trends and patterns.  Built software packages to automate data processing and modeling tasks.  Worked closely with cross-functional teams to develop data-driven solutions.  Developed models to predict equipment failures and reduce downtime.  Worked on projects to develop and improve data pipelines and ETL processes.  **Data Scientist**  **Modal Ltd., Bath, 2017 - 2018**  Developed and implemented statistical models for data analysis and forecasting.  Conducted data analysis to identify trends and patterns in large datasets.  Built and maintained data pipelines to support data-driven decision making.  Worked closely with cross-functional teams to develop data-driven solutions.  Developed models to predict customer behavior and optimize marketing campaigns.  Developed and implemented algorithms for credit risk modelling. |