**Sarah Elliot**

**Junior Data Scientist**

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| **Skills.**   * Proficient in R and Python for data analysis and machine learning. * Familiarity with SQL databases and data manipulation. * Experience in package deployment using R and Python. * Experience in developing and deploying shiny applications. * Strong problem-solving and analytical skills. * Excellent communication and interpersonal skills.   **Languages**  R · SQL · Python  **Tools and Utilities**  RStudio · shiny · SQL· Azure · Jupyter · AWS · git  **Education.**  Master of Science in Data Science  University of Bristol, 2019-2020   * Coursework included machine learning, statistical analysis, and data visualisation. * Participated in a capstone project on the development of a recommendation engine for a social media platform. * Developed a thesis on the application of machine learning to predict customer churn in the telecommunications industry.   Bachelor of Science in Computer Science  University of Swansea, 2015-2019   * Coursework included data structures, algorithms, and programming. * Developed a senior project on the development of a web-based application for online food ordering. |  | **Overview.**  As an experienced data scientist, I have a strong background in predictive modelling, package deployment, shiny app development, and data visualisation. I am seeking a challenging role where I can apply my skills and experience to solve complex business problems.  **Professional Experience.**  **Data Science Intern, Peaches Ltd, 2021-Present**  Conducted data analysis using R and Python to identify trends in customer behaviour.  Developed and tested machine learning models for predicting customer churn, resulting in a 15% improvement in accuracy.  Built and deployed R packages for data cleaning and pre-processing tasks.  Developed and deployed shiny applications for data visualisation and user engagement. |