**Rachel White**

**Contact Information:**

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**Professional Summary:**

Experienced Data Scientist with 7 years of experience in the banking industry. Specialized in data analytics, machine learning, and statistical modeling. Known for leveraging data to drive business insights and enhance decision-making. Strong background in programming and data visualization with a track record of implementing data-driven solutions.

**Education:**

**University of Manchester (Russell Group)**

* MSc Data Science and Analytics, Distinction
* Graduated: 2015

**University of Liverpool (Russell Group)**

* BSc Mathematics, Upper Second Class Honours
* Graduated: 2013

**Professional Experience:**

**HSBC Bank**

**Lead Data Scientist**  
*Manchester, UK*  
*2018 - Present*

Rachel leads data-driven projects to enhance business processes and customer experiences. She develops and implements machine learning models, performs statistical analysis, and collaborates with various teams to understand data needs. Her work has resulted in significant improvements in operational efficiency and customer insights.

* **Key Responsibilities:**
  + Develop and implement machine learning models.
  + Perform statistical analysis on large datasets.
  + Collaborate with cross-functional teams to identify data needs.
  + Create data visualization dashboards to present findings.
  + Ensure data quality and integrity.

**Key Achievements:**

* Improved operational efficiency by 20% through predictive maintenance models.
* Enhanced customer insights by developing advanced segmentation models.

**Santander UK**

**Data Scientist**  
*Manchester, UK*  
*2015 - 2018*

At Santander, Rachel was responsible for data analysis, building machine learning models, and developing data pipelines. She worked closely with business units to provide data-driven insights and support strategic decision-making.

* **Key Responsibilities:**
  + Conduct data analysis to extract actionable insights.
  + Build and deploy machine learning models.
  + Develop and maintain data pipelines.
  + Collaborate with business units to support data-driven decisions.
  + Create data visualization tools to communicate insights.

**Key Achievements:**

* Developed a predictive model for credit risk assessment, improving accuracy by 25%.
* Implemented data pipelines that reduced processing time by 30%.

**Internship: Lloyds Banking Group**

**Data Analyst Intern**  
*Manchester, UK*  
*Summer 2014*

During her internship at Lloyds Banking Group, Rachel assisted in data collection and analysis, developed data visualization tools, and supported senior analysts in various projects.

* **Key Responsibilities:**
  + Assist in data collection and analysis.
  + Develop data visualization tools.
  + Support senior analysts in data-driven projects.
  + Ensure data accuracy and consistency.

**Key Achievements:**

* Created a dashboard that improved data reporting efficiency.
* Contributed to a project that enhanced customer behavior analysis.

**Skills:**

* Machine Learning
* Statistical Analysis
* Data Visualization
* Data Analysis
* Python, R
* SQL
* Data Quality Assurance
* Collaborative Teamwork

**Certifications:**

* Certified Data Scientist (CDS)
* Professional Certificate in Machine Learning
* Certified Specialist in Predictive Analytics (CSPA)