**Olivia Miller**

**Contact Information:**

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**Professional Summary:**

Dedicated Data Scientist with 6 years of experience in the banking industry. Specializes in machine learning, predictive analytics, and data visualization. Proficient in leveraging data to solve complex business problems and enhance decision-making processes. Known for strong technical skills and the ability to communicate findings effectively.

**Education:**

**University of Manchester (Russell Group)**

* MSc Data Science and Machine Learning, Distinction
* Graduated: 2016

**University of Birmingham (Russell Group)**

* BSc Statistics, First Class Honours
* Graduated: 2014

**Professional Experience:**

**Lloyds Banking Group**

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

Olivia works on developing and implementing machine learning models, performing data analysis, and providing insights to support strategic decisions. She collaborates with different departments to understand their data needs and develops solutions to improve business processes.

* **Key Responsibilities:**
  + Develop and implement machine learning models.
  + Perform data analysis to identify trends and insights.
  + Collaborate with departments to understand data needs.
  + Create data visualization tools to present findings.
  + Ensure data quality and integrity.

**Key Achievements:**

* Improved fraud detection accuracy by 25% using machine learning techniques.
* Developed a predictive maintenance model that reduced operational costs by 20%.

**NatWest Group**

**Junior Data Scientist**  
*Manchester, UK*  
*2016 - 2018*

In her role at NatWest, Olivia was responsible for building machine learning models, analyzing data, and developing data visualization dashboards. She also worked on data cleaning and preprocessing to ensure data quality.

* **Key Responsibilities:**
  + Build machine learning models for predictive analytics.
  + Analyze data to extract actionable insights.
  + Develop data visualization dashboards.
  + Clean and preprocess data to ensure quality.
  + Collaborate with teams to support data-driven decisions.

**Key Achievements:**

* Created a loan default prediction model that improved risk assessment by 25%.
* Implemented a data cleaning pipeline that improved data quality and reduced processing time by 30%.

**Internship: HSBC Bank**

**Data Analyst Intern**  
*Manchester, UK*  
*Summer 2015*

During her internship at HSBC Bank, Olivia assisted in data analysis, developed data visualization tools, and supported data science projects. She gained hands-on experience in data preprocessing and analysis techniques.

* **Key Responsibilities:**
  + Assist in data analysis and visualization.
  + Develop tools to present data insights.
  + Support data science projects with data preprocessing.
  + Ensure data accuracy and consistency.

**Key Achievements:**

* Developed a visualization tool that improved data reporting.
* Contributed to a project that enhanced customer segmentation strategies.

**Skills:**

* Machine Learning
* Predictive Analytics
* Data Visualization
* Data Analysis
* Python, R
* SQL
* Data Preprocessing
* Technical Communication

**Certifications:**

* Certified Data Scientist (CDS)
* Professional Certificate in Data Analytics
* Certified Machine Learning Expert (CMLE)