RAMANDEEP SIHRA

Data Analyst - Aspiring Data Engineer - MCP

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SKILLS

Programming & Scripting

Python (Pandas, Matplotlib), SQL, JSON

Data manipulation, transformation, and automation

Database & Data Warehousing

MS SQL Server, Azure Synapse Analytics

ETL & ELT pipeline design and implementation, data modeling

Data Integration & Workflow Automation

Oracle RightNow, MS Excel, MS Power Automate, MS Dynamics, SAP

Data Quality & Processing

Data validation, cleansing, and enrichment, structured and unstructured data handling

Visualisation & Reporting

MS Power BI, SSRS, DAX, Power Query M, VBA

Development Tools & Version Control

Visual Studio Code, GitHub

WORK EXPERIENCE & ACHIEVEMENTS

Data Analyst, Migrant Help; London, UK   **Jul 22 - Now**

• Supporting a ETL pipeline with 5+ data sources with an SQL database using Azure Synapse Analytics with real-time Power BI reporting and dashboards.

• Executing a pipeline with 15+ data sources using an Oracle SQL database through Oracle RightNow, integrating JSON to produce impactful Power BI reports.

• Maintaining a pipeline with 6+ data sources using a Storm database through Storm APIs and Oracle RIghtnow, integrating, transforming and automating data feeds using Power Automate.

• Advancing data visualization by integrating 2+ APIs with Power BI reports, offering deeper insights into trends and Service User demographics leading to better decision-making.

• Contributing to the development and validation of 10+ KPI reports post-migration from an Oracle Cloud database. Improving accuracy by about 50% and delivering actionable insights for a UK government contract.

• Building custom dashboards by using data modelling, cleansing and enrichment and increasing reporting precision by about 60% for better decision-making across departments.

• Collaborated with cross-functional teams to build 10+ custom dashboards, streamlining reporting processes and reducing manual effort.

Financial Administrator & Systems Assistant, DB Schenker; London, UK   **Aug 16 - Jul 22**

• Processed 400 invoices daily, validated UK supplier mail and updated invoicing reports and Excel dashboards.

• Delivered 5 UK and 3 Ireland reports for Shared Service Centre.

• Supported 50 global Master data teams, trained members on financial systems.

Partner Incentives Support Analyst, Microsoft; London, UK   **Dec 15 - Feb 16**

• Validated 50 incentive requests, delivering status reports to stakeholders.

• Audited incentive requests and compiled 2 daily Excel status reports.

• Directed 2+ staff members on SharePoint and Dynamics CRM database systems.

EDUCATION & CERTIFICATIONS

• Microsoft Power BI Data Analyst Associate   **Microsoft 2024**
• Microsoft Technical Associate (MTA) - Python   **Microsoft 2022**
• Microsoft Certified Solutions Associate (MCSA) - SQL   **Microsoft 2021**
• BSc Business Management (Accounting)   **Brunel University 2014**