

Harsh Maan

+918826586679 | maanharsh98@hotmail.com | <https://www.linkedin.com/in/harsh-maan-6b5727178/>

Summary

Data Scientist at Accenture Research, former Data Engineer, bringing 3+ years of experience, specializing in Databricks, Data Science, BI Technologies, Snowflake. Responsible for design, development, and maintenance of data pipelines/systems. Additionally, developing and demonstrating solutions by harnessing the potential of AI, ML, and OpenAI models.

Experience

Accenture Research

Data Scientist | 12/2023 - Present

- Working on NLP, text analytics, and Python, adept at applying advanced methodologies to extract actionable insights and drive data-driven decision-making in Data Science Research and Thought Leadership.

Amdocs

DWH/BI Expert | 06/2021 - 12/2023

VICCAR

- Implemented an end-to-end cloud process using Databricks, Snowflake and Power BI
- Architect data models including a snowflake schema, established fact and dimension tables, and took charge of end-to-end ETL processes for multiple use-cases.
- Implemented an Intermediate state using Databricks, effectively mitigating downtime for data pipelines and averting disruptions to executive dashboards for monitoring KPIs.

AERS Snowflake Modernisation

- Implemented a reporting consumer layer within Snowflake, facilitating the migration of intricate Business Intelligence reports from SAP BO to Power BI on the Snowflake platform and managed the timely delivery of over 100 highly complex Power BI reports & dashboards, all within challenging time constraints.

SMART-M

- Comprehensively revitalised a legacy product, commencing with gathering requirements, crafting a Proof of Concept for ETL/Database transformation tasks.
- Achieved accelerated Power BI dashboard development and improved performance by optimising more than 50 Teradata SQL queries, developed 20+ shell scripts, 30+ ETL jobs leveraging IBM DataStage while also mitigating Teradata Spool Space and AMP CPU Skew errors in a live production environment.

Business Reporting AI Chatbot

- Created an AI chatbot for translating business terminology into SQL queries for user reporting purposes. Enhanced the model through fine-tuning with a tailored knowledge-base, resulting in a notable 20% improvement in performance and accuracy.

Skills

SQL, Python, Databricks, Snowflake, Power BI, Spark, Airflow, Power Apps, Excel, PySpark, Teradata, IBM Datastage, Azure OpenAI, PL-SQL, Machine Learning, Azure OpenAI,

Education

SRM Institute of Science and Technology | Chennai, Tamil Nadu
Software Engineering | 06/2021

Graduated with a score of 85.77%

Professional Certifications

Databricks Associate Data Engineer, Microsoft Certified: Power BI Data Analyst Associate, Databricks Associate Data Analyst, Microsoft Certified: Azure Data Fundamentals, Hands On Essentials - Data Warehouse by Snowflake, Machine Learning by Andrew Ng, Applied Data Science by IBM, Python For Data Science and AI by IBM

Papers Published

"Breast Cancer Detection using Histopathological Images" in International Journal of Computer Science Trends and Technology (IJCTST) - Volume 10 Issue 1, Jan - Feb 2022.
"Consumer Churn Prediction Model Using explainable Machine Learning" in IJCTST - Volume 11 Issue 1, Jan-Feb 2023.

Awards

"A Star is Born" 2022 Amdocs Edition,
"The Opportunity Explorer" Amdocs
Innovators DNA Award 2023