Robin Singh

Data Analyst

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in linkedin

SKILLS

Python, Excel, SQL, HTML, CSSPandas, NumPy, Power BI, Tableau, Matplotlib, Seaborn, Excel ADF, ADLS Gen2, Azure Databricks, Azure Synapse, SciPy, Scikit-learn, Jupyter, Git, Tosca DI

PROFESSIONAL EXPERIENCE

Data Analyst   03/2022 – present | Nodia, India
IT Convergence

Comprehensive Data Analysis and Quality Dashboard
- Pioneered the establishment of streamlined ETL processes using Azure Data Factory, realizing a 30% decrease in data integration time.
- Executed advanced data transformations on Azure cloud services, utilizing Pandas for in-depth analysis, reducing raw data exploration time by 40%.
- Constructed interactive Power BI dashboards, providing actionable insights and contributing to a 50% reduction in time clutter for stakeholders.
  Helped Stakeholders to make informed decisions by getting all relevant metrics in one dashboard, reduced the time clutter by 50%

Unified People Insights Dashboard Implementation
- Collaborated with Human Resource teams, achieving a 100% requirement gathering success rate, leading to the development of unified people insights dashboards.
- Implemented Pandas and SQL for data manipulation, resulting in a 20% improvement in data processing efficiency. Developed and deployed dashboards and reports in the Microsoft Power BI environment, enhancing accessibility and usability for HR teams by 30%.
  Helped the Human resource team to understand employee demographics, engagement, performance metrics, talent accusation, learning and development, HR analytics, etc. within a single dashboard.

Data Integrity and Quality Testing:
- Conducted extensive research and created a proof of concept for automated data integrity testing of power bi reports, resulting in a 90% reduction in manual testing efforts.
- Crafted SQL queries to extract data from SQL Server, and Azure Synapse Data Warehouse sources.
- Authored PowerShell commands for file manipulation and formulated test cases for thorough testing of Power BI reports, reducing 90% time and automated email notifications for accurate results.
  It reduced the time to analyze more than 20+ reports for data accuracy every day and notified teams of the success or failure of the Accuracy testing of dashboards.

Data Analyst Intern   08/2021 – 01/2022 | New Delhi, India
Trainity

- Utilized SQL, Excel, Power BI, and Python, including libraries like SKlearn, to work with large datasets and perform data cleaning. Employed machine learning techniques for forecasting and prediction.
- Demonstrated analytics expertise by extracting valuable insights and AI algorithms by implementing machine learning models. Collaborated with a peer analytics team to apply statistical techniques like confidence intervals, significance, p-value, and t-tests for robust decision-making.

EDUCATION

Bachelor of Commerce | 2016 – 2019 | New Delhi, India
University of Delhi (DU)

Diploma in Management   2015 – 2016 | New Delhi, India
YMCA Delhi