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| Azure Data Engineer  Sanket Kuwar | 7058624819 / 9049541461 | kuwarsanket99@gmail.com  [Linked In](https://www.linkedin.com/in/sanketk99/)  [Portfolio Link](https://sanketkuwar.github.io/Portfolio/)  India, Pune |

# Skills

* SQL (SQL Server, MySQL, PostgreSQL)
* Java, Python, PySpark
* Microsoft Power BI
* Azure Data Factory, Azure DataBricks, Azure Synapse, Azure Data Lake Storage
* Hadoop, Spark, Kafka, Airflow
* Azure DevOps, Git, Jira

# Projects

**FORMULA1 MOTOR RACING ANALYSIS**– Personal Project

* Managed the end-to-end lifecycle of **Azure** **Databricks** clusters, cluster pools, and jobs, ensuring optimal performance and resource utilization.
* Integrated **Azure Key Vault** for secure storage of secrets, enabling seamless mounting of **Azure Storage** in Databricks.
* Executed ingestion and transformations using **PySpark,** including Filter, Join, Aggregations, GroupBy, and Window functions.
* Leveraged **Spark SQL** to create and manage databases, tables, and views, ensuring data consistency.
* Incorporated **Azure Data Factory** for seamless orchestration of Databricks notebooks within end-to-end.
* Implemented **CI/CD pipeline** using **Azure DevOps** to automate deployment Azure Data Factory components, converting ADF pipelines into ARM templates for seamless deployment across environments.

Un-Emploment Data analysis– Personal Project

* Designed a scalable data pipeline using **Azure Data Lake Storage** for raw data ingestion, **Azure Data Factory** (ADF) for data orchestration, and **Azure Synapse Analytics** (**Serverless SQL Pool**) for initial data exploration and cleansing.
* Transformed and optimized data using Azure Synapse Spark Pool (**PySpark**) for complex transformations and Spark performance tuning, and incorporated **Delta Lake** to enable an efficient lakehouse architecture for structured data storage.
* Enabled business reporting through **Power BI** dashboards, ensuring seamless data-driven decision-making.

**COVID-19 TRENDS AND PREDICTION OF THE SPREAD OF THE VIRUS** – Personal Project

* Synthesized sophisticated control flow activities in **Azure Data Factory** pipelines, optimizing workflows with different transformation activities
* Established dependencies between pipelines and triggers, orchestrating a streamlined and efficient **data flow.**
* Monitored data pipelines using **Azure Monitor**, **created alerts,** andgenerated insightful metrics reportsin **Power BI.**

# Work Experience

coreFlex solutions Inc. **–** IT Services & Consulting**–** Pune, India

**Software Engineer (Power BI Developer)** Oct 2021 - Present

# Dairy Industry Insights (POC) Designed a Proof of Concept for a dairy company, analysing production and sales data to uncover trends and drive strategic initiatives through optimized Power BI visualizations, resulting in an increase in data-driven decision-making.

# Healthcare Dashboard Development Developed interactive Power BI dashboards for a hospital, delivering actionable insights into patient care and resource allocation, automating reports and enhancing decision-making, which contributed to a 25% improvement in operational efficiency.

# Beverage Industry Analytics Created dynamic Power BI dashboards for a leading beverage company, tracking daily deliveries and sales, which improved operational efficiency by 30% and contributed to a 15% increase in revenue through better inventory management.

# Certifications and Awards

* **Microsoft Certified: Azure Data Engineer Associate**
* **Microsoft Certified: Azure Data Fundamentals**
* **Microsoft Certified: Azure Fundamentals**
* **Databricks Lakehouse Fundamentals**
* Honored with the **"Pat on the Back"** award in recognition of delivering high-quality results

# Education

Bachelor’s Degree– Mechanical Engineer – Sapkal College of EngineeringNashik, Maharashtra