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| **Azure Data Engineer**  Sanket Kuwar | **7058624819 / 9049541461 | kuwarsanket99@gmail.com**  [**LinkedIn**](https://www.linkedin.com/in/sanketk99/) **Profile**  [**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**

# Work Experience

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

**Software Engineer Oct 2021 – Present**

# Dairy Industry Sales Insights Designed an end-to-end data solution for a dairy company using Azure Data Engineering services, integrating Data Factory, Data Lake, and Databricks to analyze production and sales trends and deliver actionable insights through optimized Power BI visualizations.

# 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 Implemented Power BI solutions to track and visualize daily deliveries and sales for a leading beverage company, which improved operational efficiency by 30% and contributed to a 15% increase in revenue through better inventory management.

# Projects

**FORMULA1 MOTOR RACING ANALYSIS**– [View Project](https://github.com/SanketKuwar/Formula1-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– [View Project](https://github.com/SanketKuwar/AzureSynapseProject_UnEmployment_Data_Analysis)

* 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** – [View Project](https://github.com/SanketKuwar/Covid-19-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.**

# Certifications and Awards

* **Microsoft Certified: Azure Data Engineer Associate** [**[Verify]**](https://learn.microsoft.com/en-us/users/sanketkuwar-4416/credentials/fdec368e8b82765d)
* **Microsoft Certified: Azure Data Fundamentals** [**[Verify]**](https://learn.microsoft.com/en-us/users/sanketkuwar-4416/credentials/8539fafb332652d5?ref=https%3A%2F%2Fwww.linkedin.com%2F)
* **Microsoft Certified: Azure Fundamentals** [**[Verify]**](https://learn.microsoft.com/en-us/users/sanketkuwar-4416/credentials/82cd38c65a728df0?ref=https%3A%2F%2Fwww.linkedin.com%2F)
* **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