

## Jagdish Anil Korde

Data Engineer

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Pune , Maharashtra

### Profile Summary

- Proficient in writing **SQL** query to retrieve and manipulate data.
- **2 year 7 months** of Extensive Experience in different domains in IT industry including **Apache Spark** and its functionality using **Spark SQL** and **Pyspark** to work with Real-time Data.
- Good knowledge of working with **Azure Data Factory, Azure Data Lake Storage, Azure Blob Storage, Spark Delta Table**, and **Delta Lake** Also have knowledge of **Delta Live Tables**.
- Ability to apply the **Spark RDD, Spark Dataframe API**, and **Delta table** with good exposure of handling different file formats like **CSV, JSON** and **Parquet** to complete Data Manipulation with Spark session.
- Proficient with **Oracle SQL, MySQL** databases.
- Excellent knowledge **Data Warehousing**.
- Experience working effectively and efficiently in a team and independently and always eager to learn new technologies and implement them in a challenging environment.

### Technical Profile

➤ Analytical Skills	Apache Spark (Spark SQL, Pyspark)
➤ Databases	Oracle SQL, MySQL
➤ Programming Languages	Python, SQL
➤ Microsoft Azure Cloud	Azure Databricks, Azure Data Factory, Azure Data Lake, Azure Blob Storage
➤ Visualization Tool	Power BI

### Professional Experience & Internships

- **SPREADER IT SOLUTIONS PRIVATE LIMITED** - Junior Data Engineer (2021) from **(25 jan 2021)**
- **SPREADER IT SOLUTIONS PRIVATE LIMITED** - Data Engineer(2022) **till now**

### Languages

• English

• Hindi

• Marathi

## Project Details

### ❖ DataAura: Azure-Powered Real-Time IoT Insights

**Technologies** - Azure Data Factory, Azure Databricks, Spark , Azure Datalake Storage, Power BI

**Description** - Leveraging Azure's capabilities, we offer a seamless system that collects, processes, and presents real-time insights from your IoT sensors. Empowering quick, informed decisions through user-friendly Power BI dashboards, we put you in control of your IoT sensor information

#### **Role and Responsibilities:**

- Conducted daily stand meetings for discussing task statuses.
- Oversaw and sustained ADF pipelines for data migration to a centralized ADLS repository.
- Devised PySpark scripts to extract data from ADLS Gen2.
- Launched a Notebook server on the team workspace for querying purposes.
- Constructed dataframes from diverse file formats and established Delta tables.
- Employed transformations in PySpark/Spark SQL for ETL and data cleansing.
- Formulated Python functions, User-Defined Functions (UDFs), and Spark SQL UDFs.
- Developed PySpark solutions for transformations within Databricks, loading into ADLS Gen2.
- Installed essential libraries in the cluster, rearranging and optimizing code as needed.

### ❖ Profitability Analysis of Investment Strategies

**Technologies** - Azure SQL database, Spark, HBase, Hive, Blob Storage, HDInsights, SQL, Python

**Description** - The project involves transforming and relocating client's RDBMS data for informed business decisions. By analyzing user data, the aim is to refine marketing strategies, particularly for retaining customers in a financial product company.

#### **Role and Responsibilities:**

- led the execution of Spark scripts on an HDInsights cluster, transforming data from historical and incremental sources.
- facilitated the extraction of data from Azure RDBMS and Blob Storage, enabling seamless joins in pre-defined HBase tables.
- ensured accurate data loading into HBase according to established schemas, maintaining data integrity.
- oversaw the movement of transformed data into Hive tables through staged internal tables, enhancing data reliability.
- My key contributions centered around Spark-based transformations and optimizing SQL queries.

Education & Degree	Institute	Board	Percentage	Year of passing
B.E Information Technology	jaywantrao sawant colleg of engineering Pune	Pune university	7.07 (CGPA)	2021
HIGHER SECONDARY (12 <sup>TH</sup> )	R.R Shinde Jr. College	Maharashtra State Board	66.77 %	2017
MATRICULATION (10 <sup>TH</sup> )	sadhana vidyalaya	Maharashtra State Board	85.60 %	2015