



# Piyush Kumar

## Data Engineer



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## TECHNICAL SKILLS

- **Database Language**
  - MySQL, NoSQL,
- **Azure**
  - Azure Data Factory, Synapse Analytics, Databricks
- **Big Data Framework**
  - Hadoop, spark, mapreduce, tensorflow
- **Programming Language**
  - Python, R, pyspark
- **Visualization Tools**
  - Power Bi
- **Python for Data Science**
  - Numpy, Pandas, Matplotlib
- **Machine Learning**
  - Linear Regression, Logistic Regression, Multiple Regression, classification
- **Deep Learning**
  - CNN, RNN, NLP, sequence and time series
- **Versioning tools**
  - Git, Github

## EDUCATION

2020 • GLA University, Mathura

Bachelor of Technology -  
Computer Science and  
Engineering with IBM  
specialization in Data  
Science



2014 • DDIC, Ahmedpur  
Intermediate

## SUMMARY

Dedicated and skilled Data Engineer with 3 years of experience in designing, implementing, and maintaining scalable data pipelines, ETL processes, and data architectures. Proficient in SQL language and technologies, with a strong foundation in data modeling, database design, and optimization. Adept at collaborating with cross functional teams to deliver data solutions that drive actionable insights and support informed decision-making.

## EXPERIENCE

### Packaged App Development Analyst

Save Max Real Estate

07 / 2022-2023

- Design and implement end-to-end data solutions using Azure Synapse Analytics, Azure functions, Azure blob Storage & Dedicated SQL Pool.
- Integrated diverse data sources like on-prem ftp servers, Oracle database, and transforming data for analytics and reporting purposes.
- Developed and optimized ETL processes using Azure Synapse pipelines to ingest, cleanse, transform, and load data into data warehouses and data lakes.
- Utilized SQL for data querying, stored procedures, views, and optimization of data retrieval processes.
- Implemented SCD type 1 & 2 depending on the requirements.
- Ensured pipeline and SQL query optimization to help in increased performance.
- Performed Data validations and Data quality checks to ensure reliable and consistent data.

### Application Development Associate

Save Max Real Estate

07 / 2021-2022

- The purpose of the project is to detect multiple objects in an image.
- Developed and implemented a deep learning model for object recognition and detection.
- Design and implement an algorithm for image segmentation, feature abstraction and image enhancement.
- Used transfer learning to train the model using different computer vision algorithms.
- Calculate the loss of how well the model performed compare to true labels.
- Design and implement language processing using natural language models.
- Build a neural network classifier for sentiment analysis.

## CERTIFICATIONS / ACHIEVEMENTS

- DeepLearning.AI TensorFlow Developer Professional
- Managing Big Data with MySQL
- Data Science and analytics Badge by IBM
- Star of the month Award in Delivery and Excellence