# Role: Senior Data Engineer

## Project: Car sales market research

# 1 Project description

The Car Sales Market Research project aims to analyze and understand the current trends, consumer preferences, and competitive landscape within the automotive sales industry. This research will provide valuable insights to help stakeholders make informed decisions, identify growth opportunities, and develop effective marketing strategies.

# 2 Requirement Profile

The mandatory requirements listed below must be strictly met by the bidder. The listed desired requirements and their weighting will be considered in the technical evaluation of the offer according to their significance.

| Mandatory Technical Requirements for the Offer: | Guideline for the Response | Type of Requirement |
|---|---|---|
| Very good skill and experience in SQL. | More than 5 years of practical experience are verifiable in the resume. | Must |
| Proficient in programming languages commonly used in data engineering, such as Python, Java, or Scala, with a focus on data manipulation, transformation, and pipeline development. | More than 5 years of practical experience are verifiable in the resume. | Must |
| Experience with cloud platforms like AWS, Azure, or Google Cloud, including services related to data storage, data processing, and data analytics (e.g., AWS S3, Azure Data Lake, Google Cloud Storage). | More than 3 years of practical experience are verifiable in the resume. | Must |
| Experience with big data technologies and frameworks such as Apache Hadoop, Spark, and Kafka, including their ecosystem and best practices for handling large-scale data processing. | More than 3 years of practical experience are verifiable in the resume. | Must |

| Technical Desired Requirements for the Offer | Guideline for the Response | Type of Requirement | Weighting |
|---|---|---|---|
| Experience with machine learning frameworks (e.g., TensorFlow, PyTorch) and data science tools (e.g., | Proof through relevant project experience in the resume | Should | 50% |

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|---|---|---|---|
| Jupyter, R) is a plus. This includes the ability to build and deploy machine learning models, as well as understanding data preprocessing and feature engineering techniques. | | | |
| Methodological competence, modeling, procedural models | Proven experience with agile methodologies such as SCRUM | should | 50% |