### **Requirements for Integrating LLM Model to Score Resume Relevance**

#### **Objective**

We need a system that evaluates how well a candidate’s resume matches a given job description using a Language Model (LLM). The system should output a relevance score to help assess the candidate's suitability for the job.

**Components**

**Input Data**

Job Description: A textual description of the job requirements, including responsibilities, skills, and qualifications.

Candidate Resume: A textual resume of the candidate, detailing their skills, experience, and qualifications.

**Language Model (LLM)**

Utilize a suitable LLM model, to analyze and compare the texts.

**Functionality**

Text Embeddings: Generate embeddings (vector representations) for both the job description and the candidate’s resume using the LLM.

Similarity Calculation: Compare the embeddings to determine how closely the resume matches the job description.

Relevance Score: Calculate a relevance score between 0% and 100%, where 100% indicates a perfect match and 0% indicates no match.

Please ask if you have any questions.