**1. Which model gave the best results?**

After evaluating all six techniques applied to 200 job descriptions, the **BERT QA model (deepset/bert-base-cased-squad2)** consistently provided the most accurate and contextually relevant experience extraction results.

**2. Why do you think it performed best?**

**Context Understanding:** BERT QA was specifically trained on question-answering tasks (SQuAD), allowing it to understand the semantics of the question *"How many years of experience is required for this job?"* and pinpoint the relevant portion of the job description.

**Consistent Outputs:** It returned structured and consistent values like "2 years", "5 years", or "3+ years", making it easier to interpret and compare.

**Robust to JD Variations:** Even with varied formats (e.g., "minimum of 3 years", "at least five years", "requires 4+ years"), BERT QA managed to extract the experience accurately.

**3. What were the challenges you faced in comparison?**

**spaCy NER & Dependency Parsing:** While lightweight and fast, spaCy techniques often extracted unrelated numerical entities like salary figures, dates, or quantities not related to experience.

**RoBERTa QA:** Performed well but slightly less consistent than BERT in handling edge cases or verbose job descriptions.

**Zero-Shot QA:** Though flexible, it often guessed experience levels even when not explicitly mentioned. It relied more on pattern similarity than understanding.