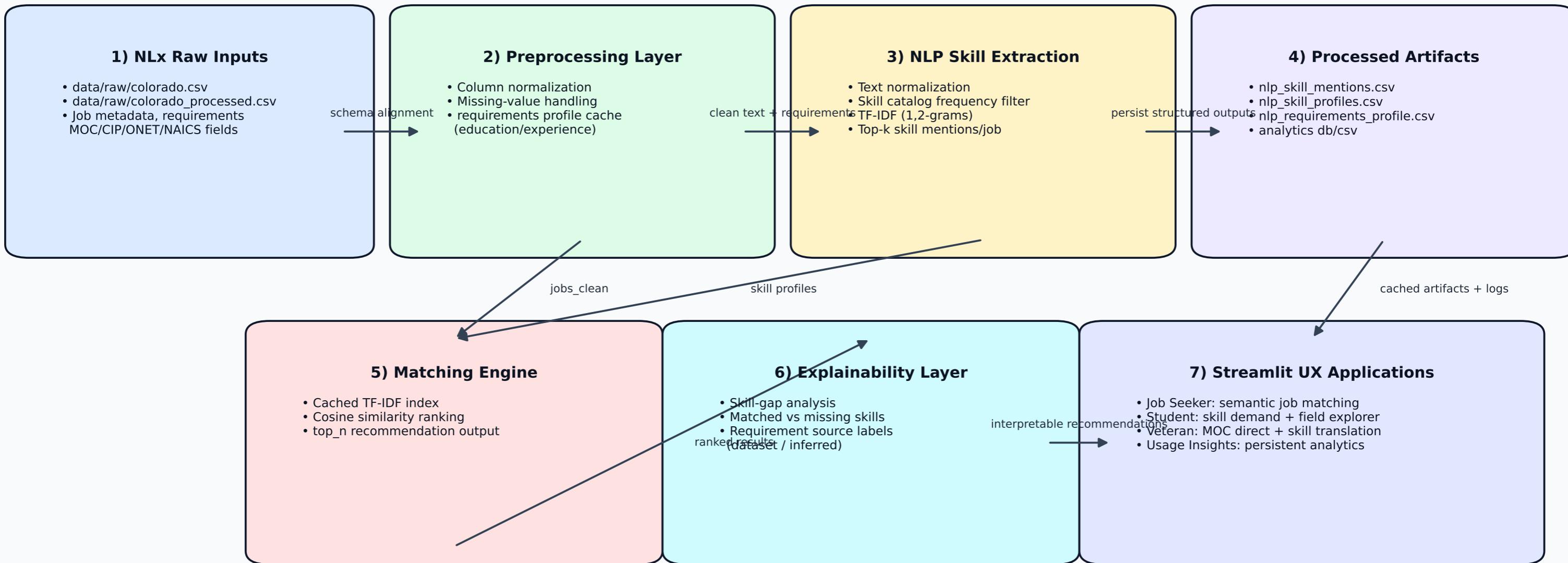


# Colorado Workforce Intelligence: NLP-Based Skill Extraction & Matching Architecture



Core techniques: TF-IDF vectorization, cosine similarity, regex-based requirement inference, skill-gap token overlap, MOC semantic mapping.

Connectors shown represent data lineage from raw NLx inputs to processed artifacts, reusable matching index, and audience-specific application views.