

# AI-Powered Resume Screening System

## Dashboard & Analytics Overview

### 1. Recruiter Workflow (End-to-End)

1. Login & Post Job (Define Skills)
2. Bulk Upload Resumes (PDF/DOCX)
3. Trigger 'Run AI Screening'
4. Review Ranked Table (Sorted by Relevance)
5. Shortlist Top Candidates

### 2. Dashboard Visualization Logic

#### **Score Representation:**

```
[ ===== 85% ===== ] (Green - Recommended)
[ ===== 50% =====... ] (Yellow - Review)
[ == 20% ..... ] (Red - Not Relevant)
```

### 3. Key Analytics Metrics

**Match Score:** Cosine similarity (0-1) between Resume and Job Description.

**Skill Match %:** (Matched Skills / Required Skills) \* 100.

**Pipeline Health:** Average score of candidates per job.

### 4. Data Flow Architecture

