

# Resume & Job Description Skill Gap Analysis

Milestone 1: Parsing | Milestone 2: Skill Extraction | Milestone 3: Skill Gap Analysis

## Upload Resume

Resume (PDF/DOCX/TXT)

Drag and drop file here  
Limit 200MB per file • PDF, DOCX, TXT

Browse files

resume2.pdf 26.5KB

## Upload Job Description

Job Description (PDF/DOCX/TXT)

Drag and drop file here  
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Browse files

JOB DESCRIPTION.docx 13.7KB

X

## Milestone 1: Parsed Text Output

Resume Text

Name: Rajesh Kumar  
Email: rajesh.kumar@example.com  
Phone: +91-9876543210

Job Description Text

JOB DESCRIPTION  
Job Title: Python Developer





## Milestone 2: Skill Extraction using NLP

### Resume Skills

nlp

machine learning

aws

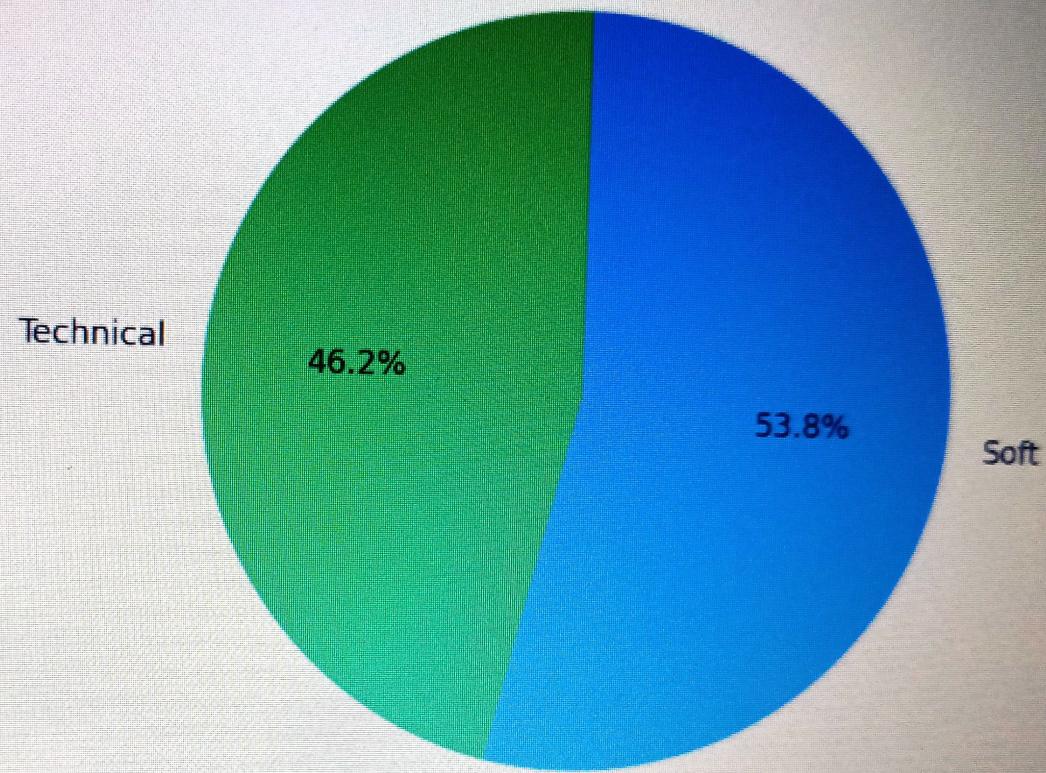


deep learning

python

sql

communication



# Job Description Skills

nlp

machine learning

azure

data visualization



aws

gcp

deep learning

statistics



## Milestone 3: Skill Gap Analysis & Similarity Matching

Overall Match

60%

Matched Skills

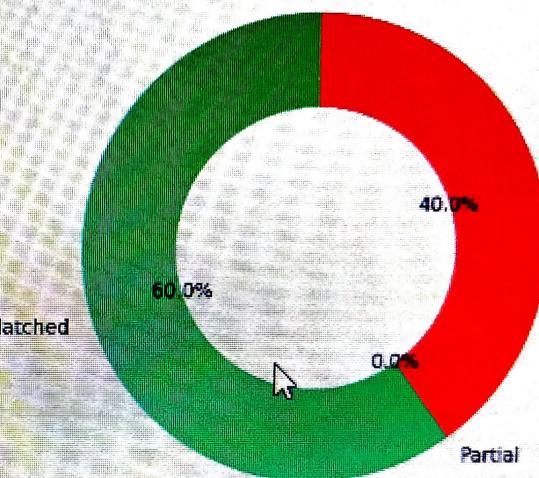
6

Partial Matches

0

Missing Skills

4



nlp

machine le

aws

deep learni

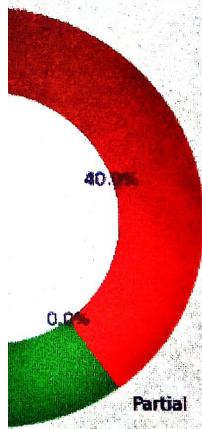
python

sql



Mis

azure | Pri



## ◆ Similarity Matrix

	nlp	machine learning	azure	data visualization	aws	gcp	deep
nlp	1	0.42	0.11	0.17	0.15	0.12	
machine learning	0.42	1	0.24	0.35	0.23	0.2	
aws	0.15	0.23	0.44	0.1	1	0.32	
deep learning	0.34	0.69	0.21	0.19	0.2	0.22	
python	0.26	0.36	0.18	0.25	0.26	0.2	
sql	0.28	0.32	0.24	0.29	0.23	0.14	

## ⚠ Missing Skills

azure | Priority: High

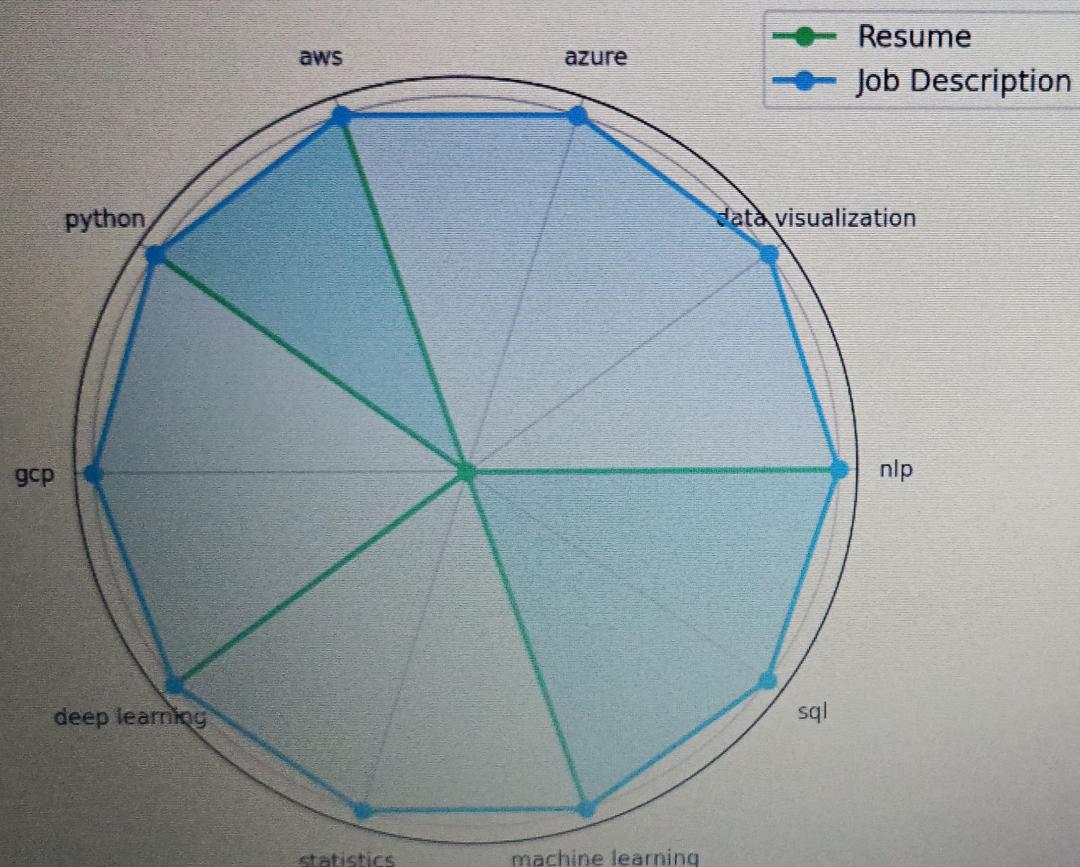
data visualization | Priority: High

gcp | Priority: High

statistics | Priority: High

## Milestone 4: Dashboard

### Skills Comparison (Radar)



### ⚡ Upskilling Recommendations

Learn: azure

Learn: data visualization

Learn: gcp

Learn: statistics

Overall Match

60%



### 👤 Role Metrics

Total Resume Skills

# killing mendations

Deploy :

Refresh

Settings

Overall Match

60%

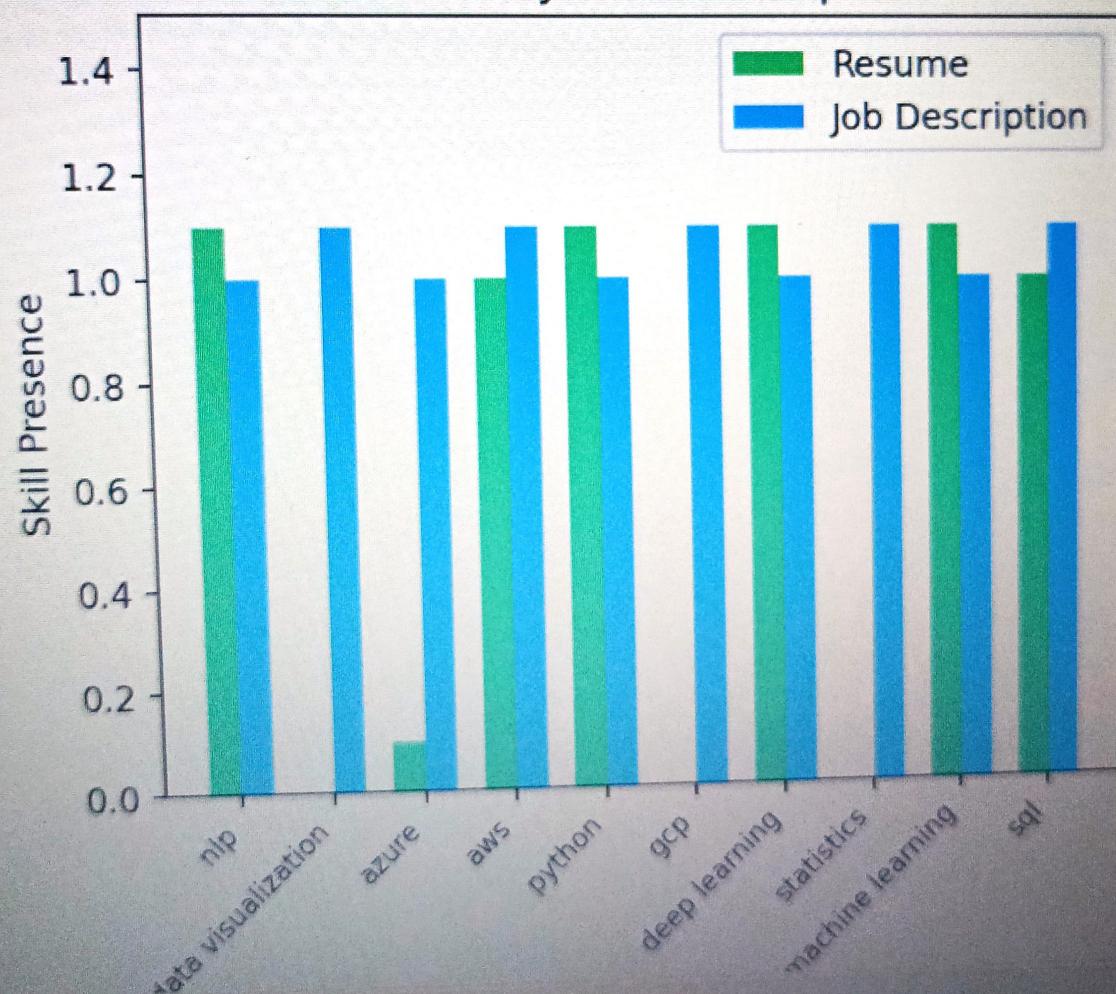
Matched Skills

6

Missing Skills

4

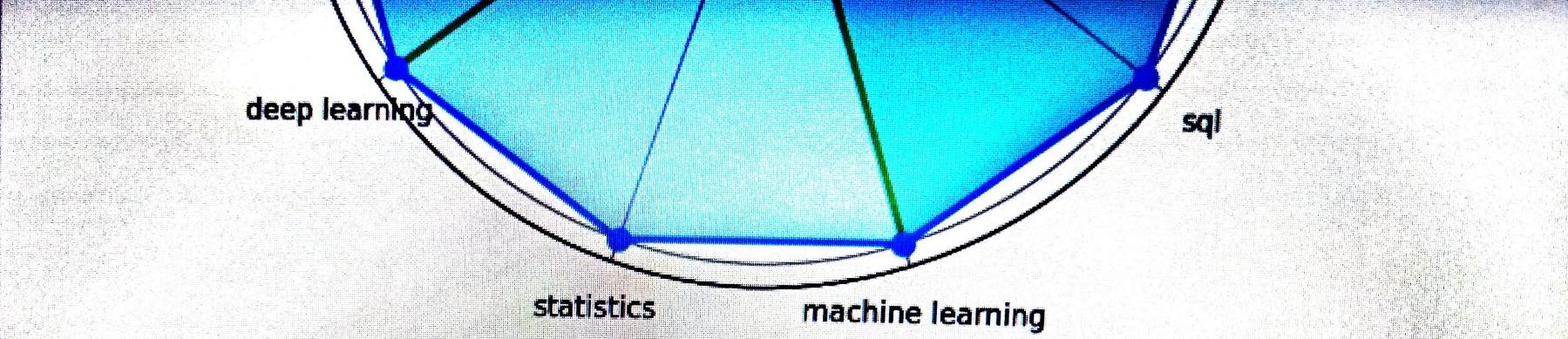
Resume vs JD Skills Comparison



19:26

07-01-2026

ENG  
IN



## Role Metrics

Total Resume Skills

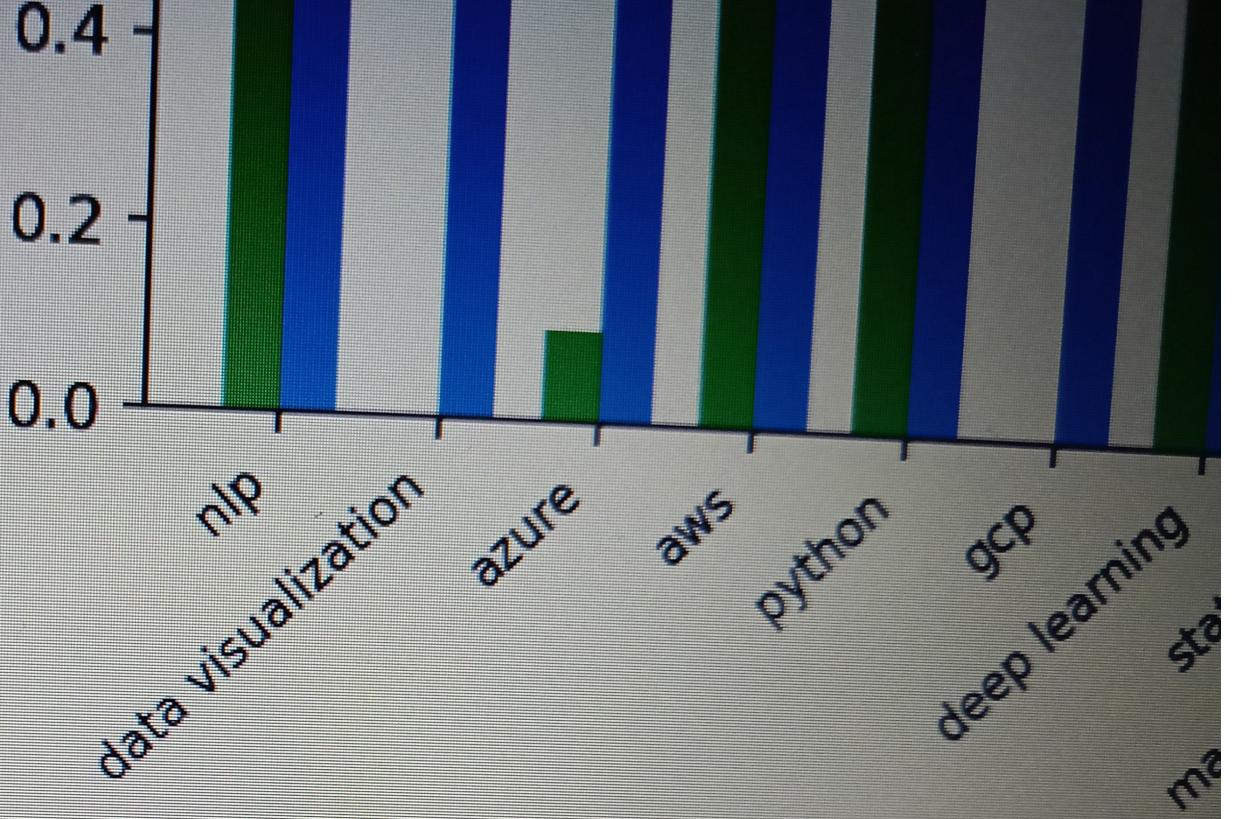
6

Total JD Skills

10

Overall Match

60%



Download CSV Report

milestonefour.py

skill\_gap\_report (2).csv

X

+

File Edit View

Skill,In Resume,In JD  
nlp,1,1  
data visualization,0,1  
azure,0,1  
aws,1,1  
python,1,1  
gcp,0,1  
deep learning,1,1  
statistics,0,1  
machine learning,1,1  
sql,1,1