



RESUME RECOMMENDER SYSTEM

2 JANUARY 2022

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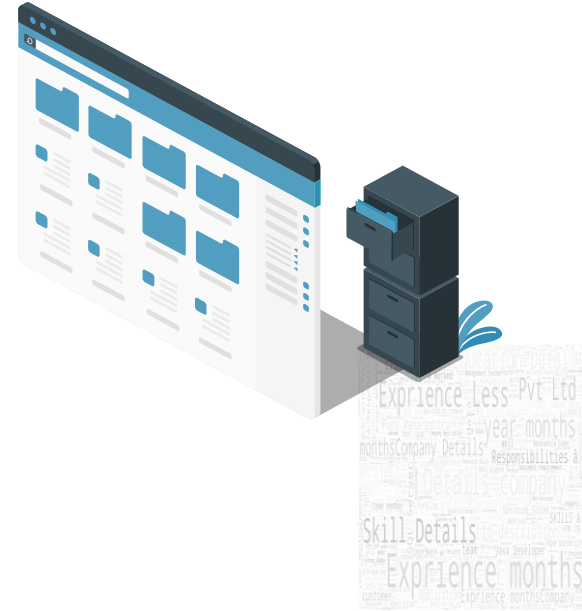
06 CONCLUSION

INTRODUCTION

Companies often receive thousands of resumes for each job posting and employ dedicated screening officers to screen qualified candidates. Hiring the right talent is a challenge for all businesses. This challenge is magnified by the high volume of applicants if the business is labour intensive, growing, and facing high attrition rates.

GOAL

Facilitating the process of categorizing and selecting candidates with the required skills, which will save time and effort for large companies.



DATA OVERVIEW

COLUMNS

The dataset consists of **2 columns**.

ROWS

The dataset consists of **962 rows**.

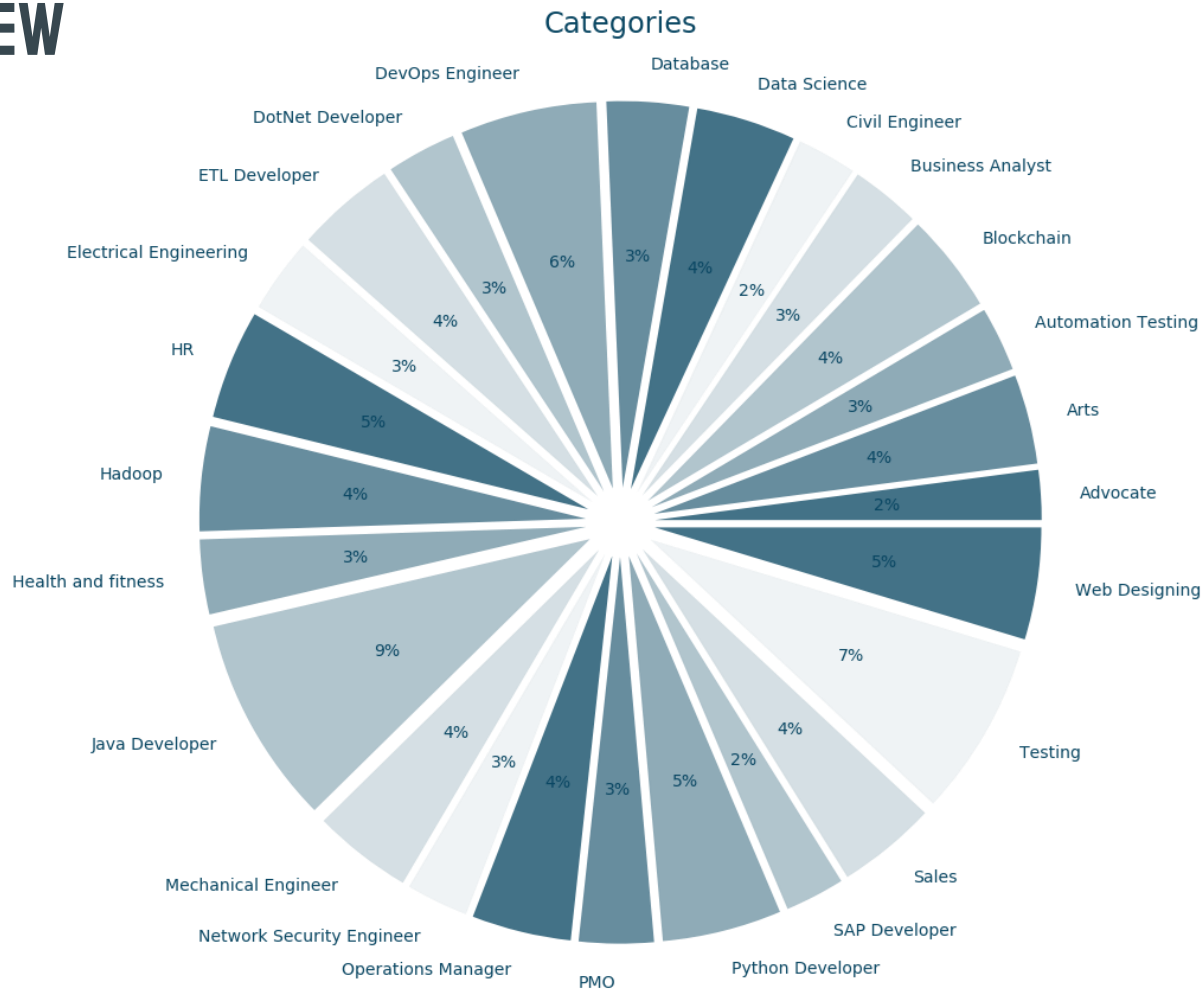
SOURCE

from **Kaggle**.

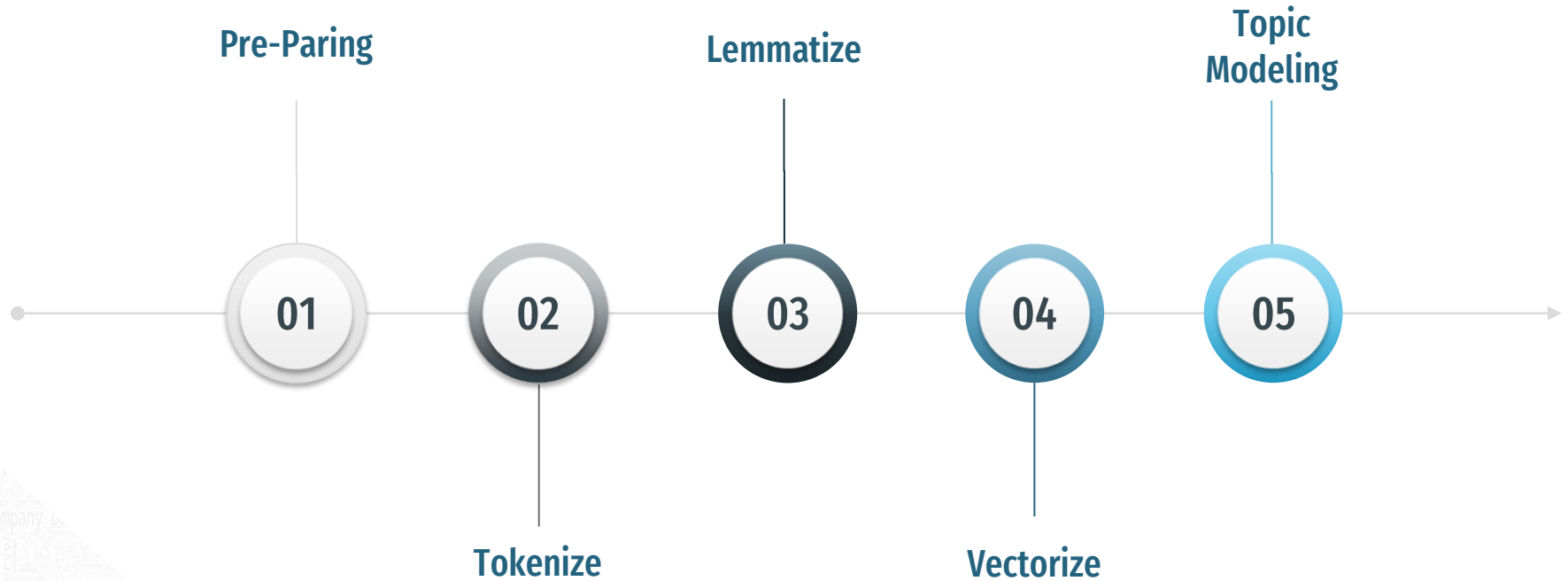
DATA-TYPE

Data Types of columns is **object**.

DATA OVERVIEW



ALGORITHM



ALGORITHM – LDA / LSA

Coherence Scores

Model	Number of Topic			
	25	20	15	10
LSA	0.30	0.32	0.33	0.35
LDA	0.471	0.477	0.482	0.495

ALGORITHM - RESULT

Topic 0
mysql c
webdatabase
sql html
developer
java used
window

Topic 1
customer
business
operation client
report
work
requirement
service
process
issue

Topic 2
electrical
engineers science
engineering
machine learning
check knowledge
test python

Topic 3
case inspection
test quality
automation
testing
responsibility
transformer manual
process

Topic 4
responsibility customer
security
cisco
application
firewall time
network
role vendor

Topic 5
college mumbai
january
android working
c sale
fitness
application

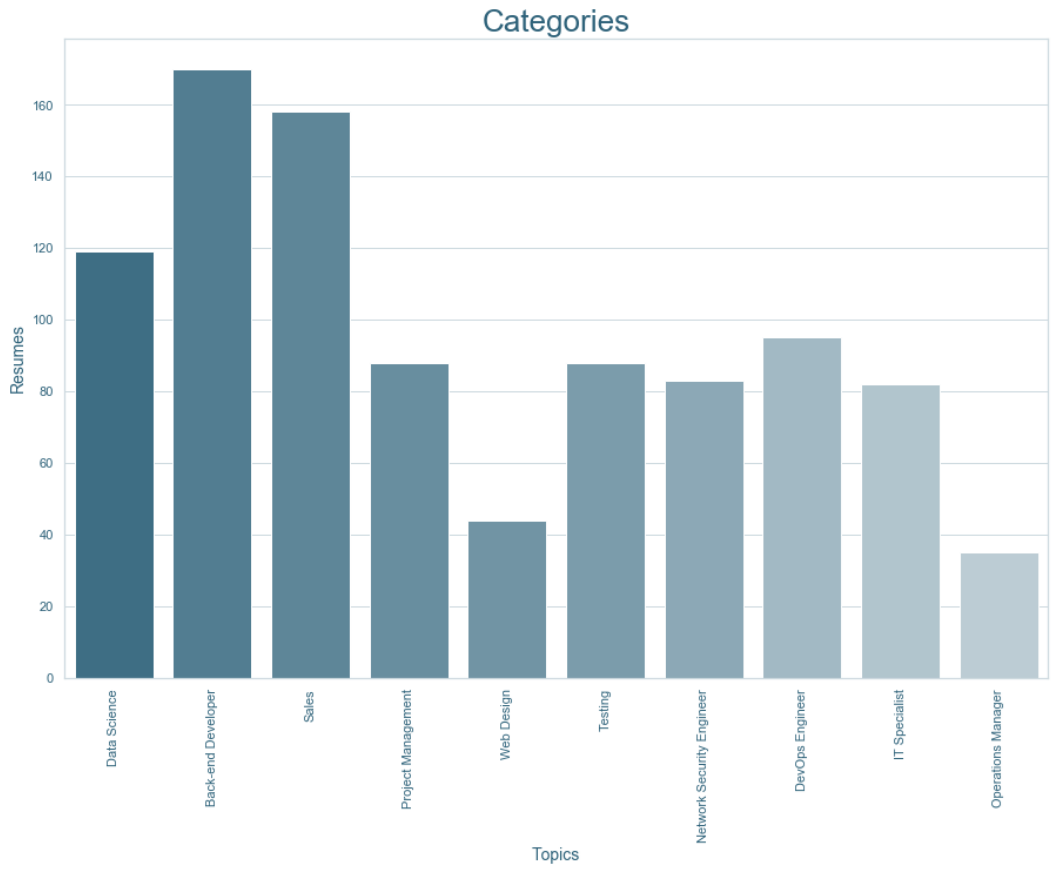
Topic 6
developer
business sap
hive data etl
environment
using
sql hadoop

Topic 7
college
board nagpur
pune design
python c
art january

Topic 8
database
application sql
linux backup
mysql server
oracle user
shell

Topic 9
meeting quality
ltd client
customer
activity process
ensuring control
operation

ALGORITHM - RESULT



CHALLENGES



01

Dealing with deployment problems.

02

Get the best result from the NLP model.

03

Catch the time-line.



TOOLS



LIBRARIES

Pandas, Numpy, Seaborn, Matplotlib, Sklearn, NLTK, Gensim, RE, pyLDAvis, Flask.

SOFTWARE

VSCode, Jupyter, Postman, Zoom, Trello, GitHub, Word & PowerPoint.



CONCLUSION





THANKS

Does anyone have any questions?



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