

# DREAMJOBBER

**Tech Edition**

# PROBLEM

**What tech career should I pursue?**

**What tech jobs are out there?**

# SOLUTION

**Tech Job Recommendation system**

**Based on your interests!**

INTERESTS?

OR

SKILLS?



# DATA PREPARATION

Source: **DiceJobs** via webscrape



A screenshot of the DiceJobs website interface. The browser address bar shows the URL: https://www.dice.com/jobs?q=Web+Application+Architect&amp;l=92101. The page header includes the Dice logo, navigation links for Tech Careers, Career Explorer, Insights, For Employers, and Login/Register. A search bar contains the text "Web Application Architect" and a location field shows "92101". Below the search bar are filters for job type (Full-Time, Part-Time, Contracts, Third Party) and a "Find Tech Jobs" button. The main content area displays "Web Application Architect jobs in 92101" with a "Create Job Alert" button. A sidebar on the left shows "Recent Searches" and "Filter Results" for Company Segment and Distance. The job listings include details for AVA Consulting and Amarn Search, Inc., both offering "Web Application Architect" roles in San Diego, CA. A "SALARY PREDICTOR" section on the right indicates a salary range of \$84,500 - \$108,000 for the role.

# TEXT CLEANING

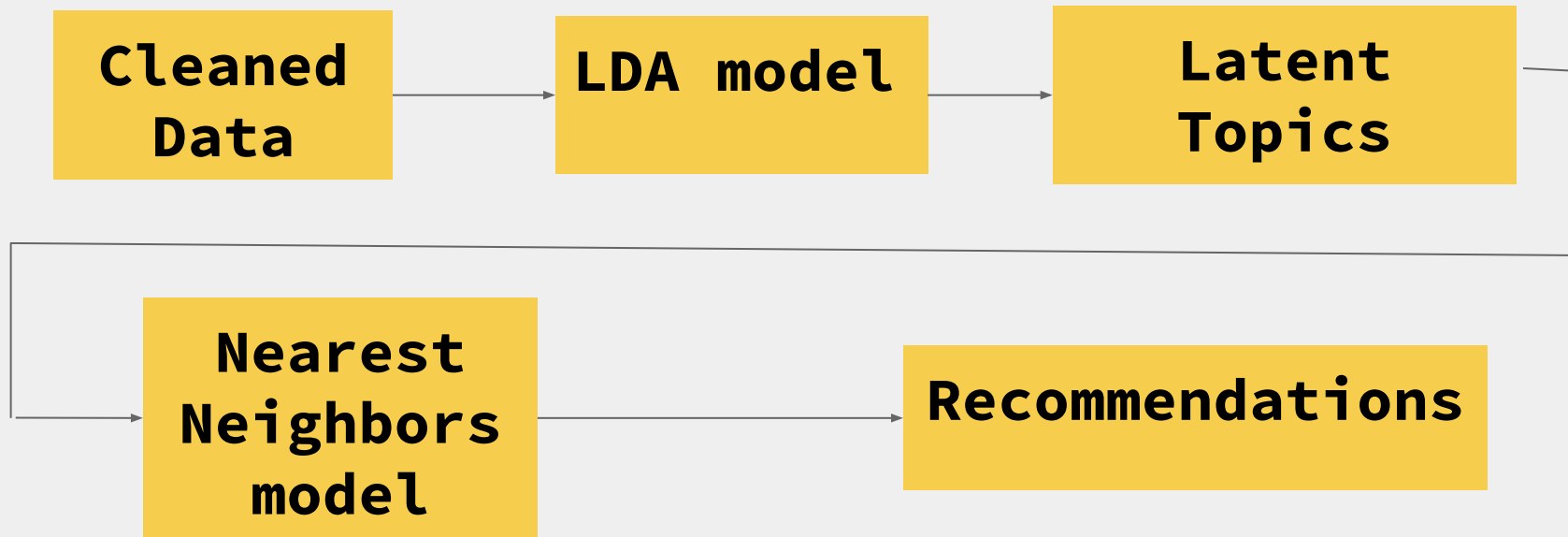
Before Cleaning:

```
['Demonstrates brand passion\nChampions and embraces change\nMakes  
good decisions\nDelivers results\nTakes action with integrity\nComm  
unicates effectively']
```

After Cleaning:

```
tokenized and lemmatized text:  
['demonstr', 'brand', 'passion', 'champion', 'embrac', 'chang', 'make',  
'good', 'decis', 'deliv', 'result', 'take', 'action', 'integr', 'communi  
c', 'effect']
```

# MODELING



# EVALUATION

User Feedback:





# NEXT STEPS:

RECORD DATA AND FEEDBACK  
CLASSIFICATION MODEL FOR JOB TITLES  
ALS RECOMMENDATION MODEL

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