Information Extraction

About Module

1. What is Information Extraction?

2. Part-of-Speech Tagging (POS)

3. Dependency Parsing

4. Named Entity Recognition (NER)

5. Relation Extraction

6. Project: Information Extraction

What is Information Extraction?

Information Extraction is the process of extracting meaningful information from text data.

Eg, I will go to ==Berlin== from ==Delhi== on ==Saturday==.

Information:

- Source: Delhi

- Destination: Berlin

- Day of Travel: Saturday

What is Information Extraction?

Eg, The ==symptoms== of ==COVID-19== are ==fever, cough,== ==shortness of breath==, ==sore throat== and ==fatigue==.

Information:

● Disease: COVID-19

● Symptoms: ["fever", "cough", "shortness of breath", "sore throat", "fatigue"]

Applications of Information Extraction

- Business Intelligence

Applications of Information Extraction

- Business Intelligence

- Resume Harvesting

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SUMMARY

Analytical professional with 8+ years of experience in generating and analyzing data reports for management. A strategic mindset that focuses on problem-solving tasks and maintaining priorities on strict deadlines.

EDUCATION

Temp Tech
Aug '08 - May '12
Computer Science/Programming

EXPERIENCE

XYZ Analytics, Data Analyst
2012 - 2015
- Manage department metrics report and database
- Test and develop a database management plan

ABC.ai, Lead Data Analyst
2015- Current
- Research existing database methods and create a study for suggested changes
- Lead database project with 5 team members

SKILLS

- Project management
- Data analysis

Applications of Information Extraction

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- Criminal Justice Information Systems

Applications of Information Extraction

- Business Intelligence

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- Criminal Justice Information Systems

- Scanning Email and Chat Conversations

Sir,

On 10th August 2020, I bought 10 DSLR Cameras. I made this purchase at your Delhi store. My OrderID is OID1234567890123.

Unfortunately, your cameras are found broken on arrival. I want to return this batch. I look forward to your reply and a resolution to my problem. I will wait for the next 3 days before seeking third-party assistance. Please contact me at the above address or by phone at 012-23456789.

Sincerely,

John Doe

Applications of Information Extraction

- Business Intelligence

- Resume Harvesting

- Criminal Justice Information Systems

- Scanning Email and Chat Conversations

- Extracting Research Findings

Thank You