

Web Crawler Report

I created my knowledge base by understanding the subject matter - security breaches at Uber and Uber's involvement with Law Enforcement. I used this understanding to develop factual sentences. I created a dictionary with this information. The keys are the 10 terms and the values are the facts. The keys are the selected 10 terms: "uber", "data", "security", "breach", "company", "privacy", "information", "hackers", "personal", and "million". Below are the screenshots of my knowledge base.

Selected Word: Uber Fact: Over the past 5 years, uber had a number of encounters with hackers and law enforcement
Selected Word: Data Fact: A lot of customer data has been compromised in the Uber Data Breach
Selected Word: Security Fact: Proper security procedures are not followed at Uber
Selected Word: Breach Fact: Uber had a major security breach Earlier this year in September.
Selected Word: Company Fact: A lot of companies have been under fire for hackers, the most recent of which is Uber.
Selected Word: Privacy Fact: Customer privacy has been compromised at Uber.
Selected Word: Information Fact: The breach saw 57 million user's information including full names, email addresses, telephone numbers and driver's license numbers exposed.
Selected Word: Hackers Fact: Uber paid the hackers \$100,000 in Bitcoin in December 2016, despite not knowing their true identities to cover up the incident.
Selected Word: Personal Fact: Confidential personal information was leaked in the breach including sensitive information such as Drivers License Numbers
Selected Word: Million Fact: Hackers stole the personal information of some 57 million customers and drivers.

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knowledge_base = {"uber": "Over the past 5 years, uber had a number of encounters with hackers and law enforcement",  
                  "data": "A lot of customer data has been compromised in the Uber Data Breach",  
                  "security": "Proper security procedures are not followed at Uber",  
                  "breach": "Uber had a major security breach Earlier this year in September.",  
                  "company": "A lot of companies have been under fire for hackers, the most recent of which is Uber.",  
                  "privacy": "Customer privacy has been compromised at Uber.",  
                  "information": "The breach saw 57 million user's information including full names, email addresses, telephone numbers and driver's license numbers exposed.",  
                  "hackers": "Uber paid the hackers $100,000 in Bitcoin in December 2016, despite not knowing their true identities to cover up the incident.",  
                  "personal": "Confidential personal information was leaked in the breach including sensitive information such as Drivers License Numbers",  
                  "million": "Hackers stole the personal information of some 57 million customers and drivers."}  
print("*****selected words*****\n", "\n".join(selected_words))  
for key, value in knowledge_base.items():  
    print("Selected Word:", key.capitalize(), "\tFact:", value)
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Sample Dialog:

Chatbot: Hi! I am hackbot, a chatbot with extensive knowledge about recent security breaches. Tell me about you.

User: My name is Alarika, I am 21 years old.

Chatbot: Hi Alarika, what security breach do you want to know about?

User: I'm not sure, which one do you want to tell me about?

Chatbot: The most recent one took place at Uber, do you want to hear about it?

User: Sure, tell me something about it.

Chatbot: A hacker infiltrated the network and pose as an employee device until the hacker revealed themselves.

User: That is crazy.