

AWS:AI-Powered Legal Analysis of Police Misconduct

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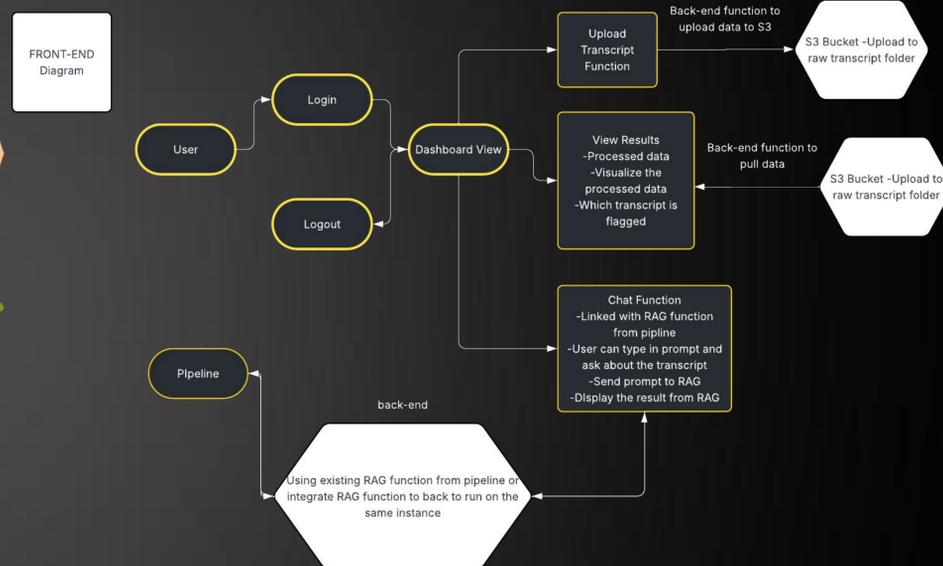
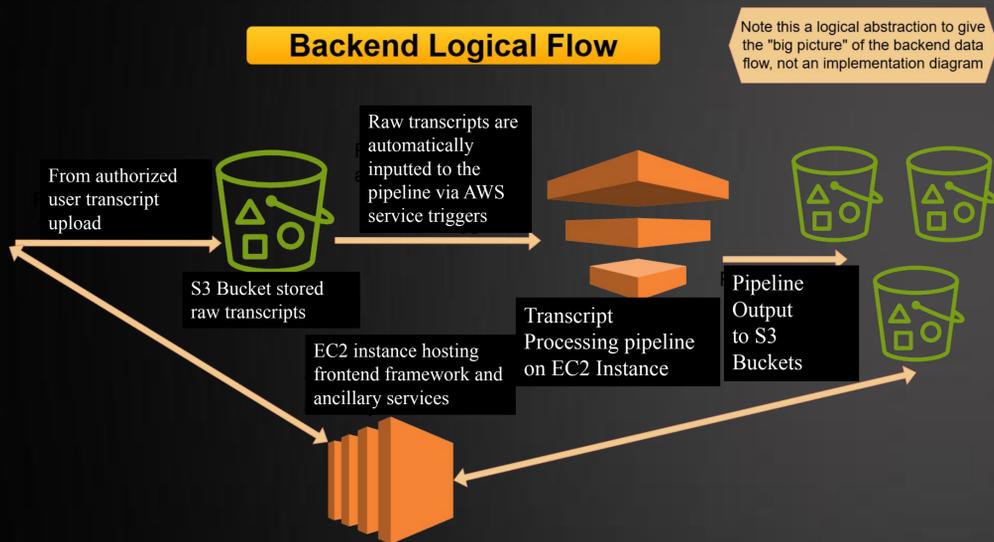
Background

The LACPD Transcript Analysis System is a cloud-based software solution developed as a standalone application that integrates into LACPD's existing case management workflow. The system will utilize AWS cloud services for data storage, computing power, and machine learning model hosting. It will use Natural Language Processing (NLP) models to extract key information and classify different segments of the court transcripts. The product will also provide a web-based interface for querying and visualizing the relationships between various cases.

Objective

The system leverages AWS cloud services, data science techniques, and machine learning algorithms to analyze and process transcripts. The primary goal of the software is to detect potential misconduct/discrepancies, identify key information in the transcripts, and discover relationships between transcripts

Backend Logical Flow



Results

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can you list all details of this case?
...
* Answer 1 (Chunk 43):
The court marked Defendant's exhibit no. a, a disc containing one file, for identification.
...
* Answer 2 (Chunk 4):
The case is The People of the State of California versus Taco Brazil-01. The defendant is present with counsel, Nina Farhadi, Deputy Public Defender; Victoria Levin, Deputy District Attorney. The case was received at 19:19:00 on 01/19/2023. The case file contains a transcript.
...
* Answer 3 (Chunk 66):
- The defendant is Mr. Brazil, who is approximately 22 years old.
- The prosecution has a neuropsychological report on Mr. Brazil.
- The court is aware of some of the details of the case.
- The case involves a neuropsychological report on Mr. Brazil.
- The case is being heard in court.
...
* Answer 4 (Chunk 40):
The case is from Brazil and has a case number. The defense's exhibit A is a disc with one file and an accompanying transcript. The file is body-worn video that was provided by the prosecution via discovery and went to the district.
...
* Answer 5 (Chunk 1):
- Case number: 01
- County: Los Angeles
- Plaintiff: Taco Brazil
- Defendant: Wynn
- Appearances: Office of the District Attorney by Victoria Levin, Esq.
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Conclusion

The developed system successfully automates legal transcript analysis using NLP and cloud-based infrastructure. It enables detection of misconduct indicators, structured metadata extraction, and semantic search across cases. By integrating with LACPD workflows, it enhances legal review efficiency, transparency, and accountability.