



# EXPENSIGHT TRAVELAUDITOR

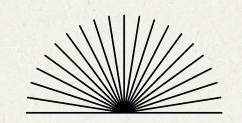
Providing insight on your travel expenses.

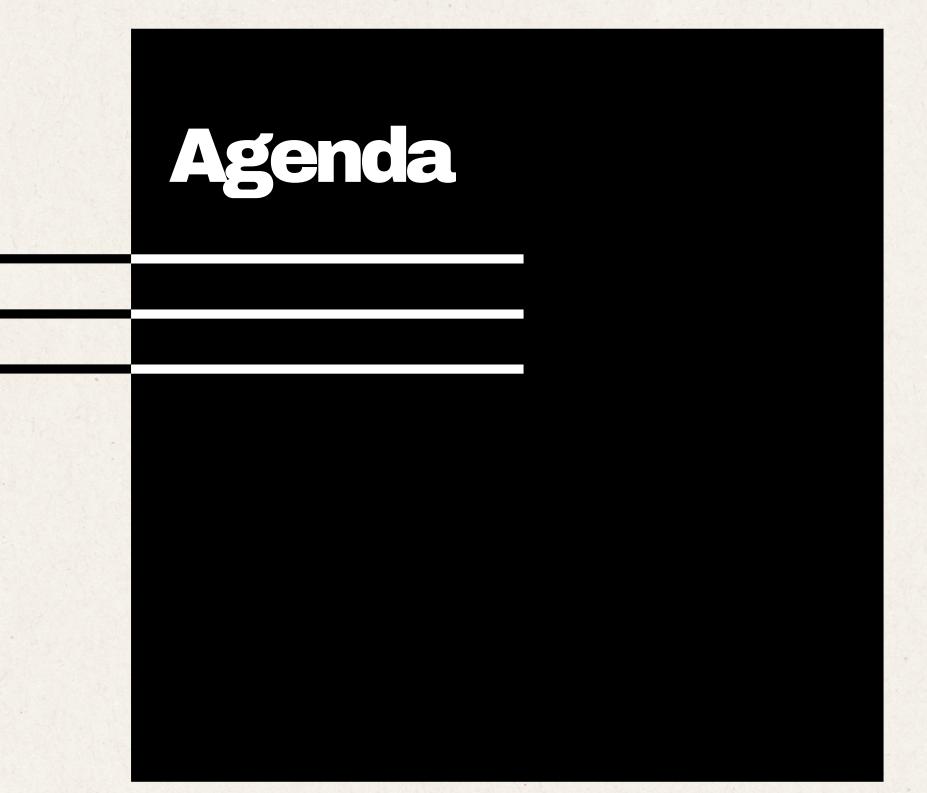
NAME OF TEAM:

Cliff.j5on

**MEMBERS OF TEAM:** 

Joseline, Justin, Jose, Jacob, JP, Cliff





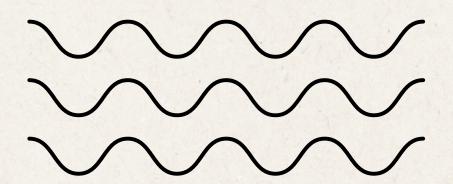
03	Problem Statement
04	Brainstorm Process
05	Data Pipeline
06	Demo
07	Features/Improvements

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## Problem Statement

- Mitigate financial risk by:
  - Automating ingestion.
  - Identifying policy violations.
  - Track spending patterns.
  - Create reports.

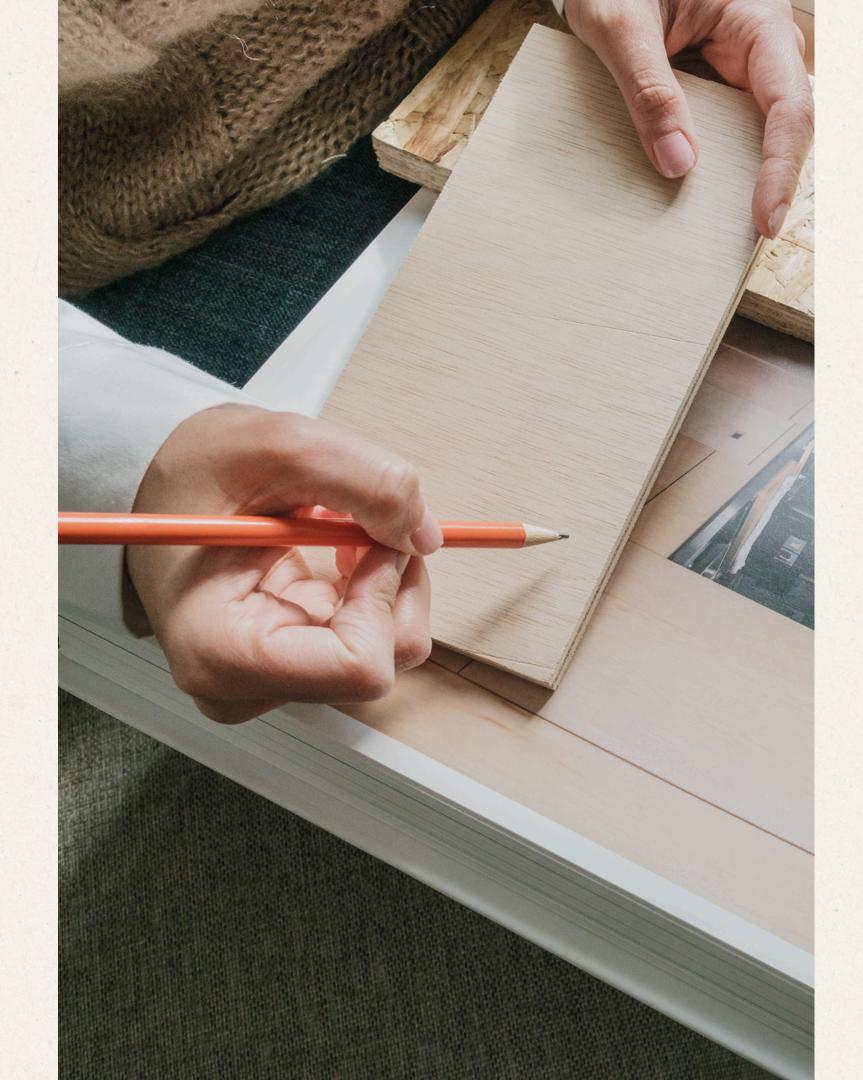
**02** Develop Solutions

03 Build with AWS

**04** Test

**05** Debugging

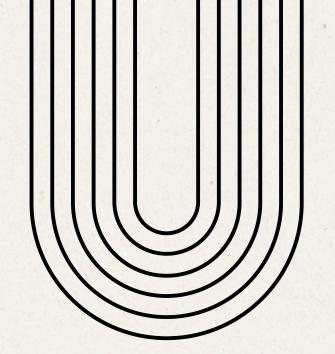
**06** Iterate



### **Process**

How did we come up with this solution?

# Data Pipeline





#### **User Files**

.pdf

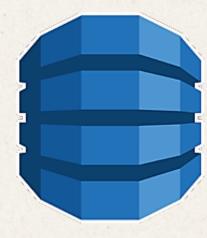
.CSV

.xlsx



#### S3 Bucket

Use Lambda function to filter & clean data. Provide clean data to new S3 bucket.



#### **DynamoDB**

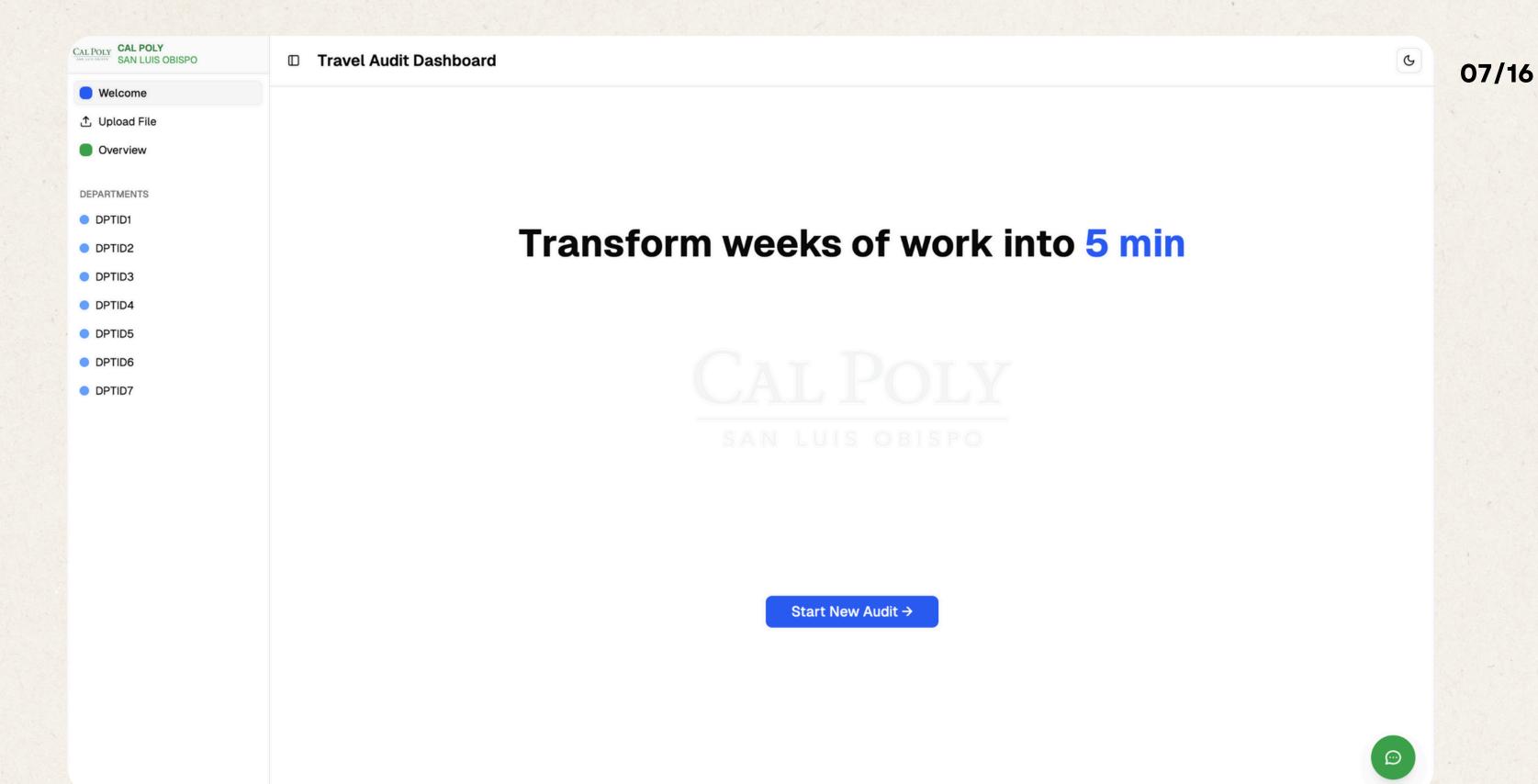
Cleaned .json data is formatted into tables that clearly provide extracted values.

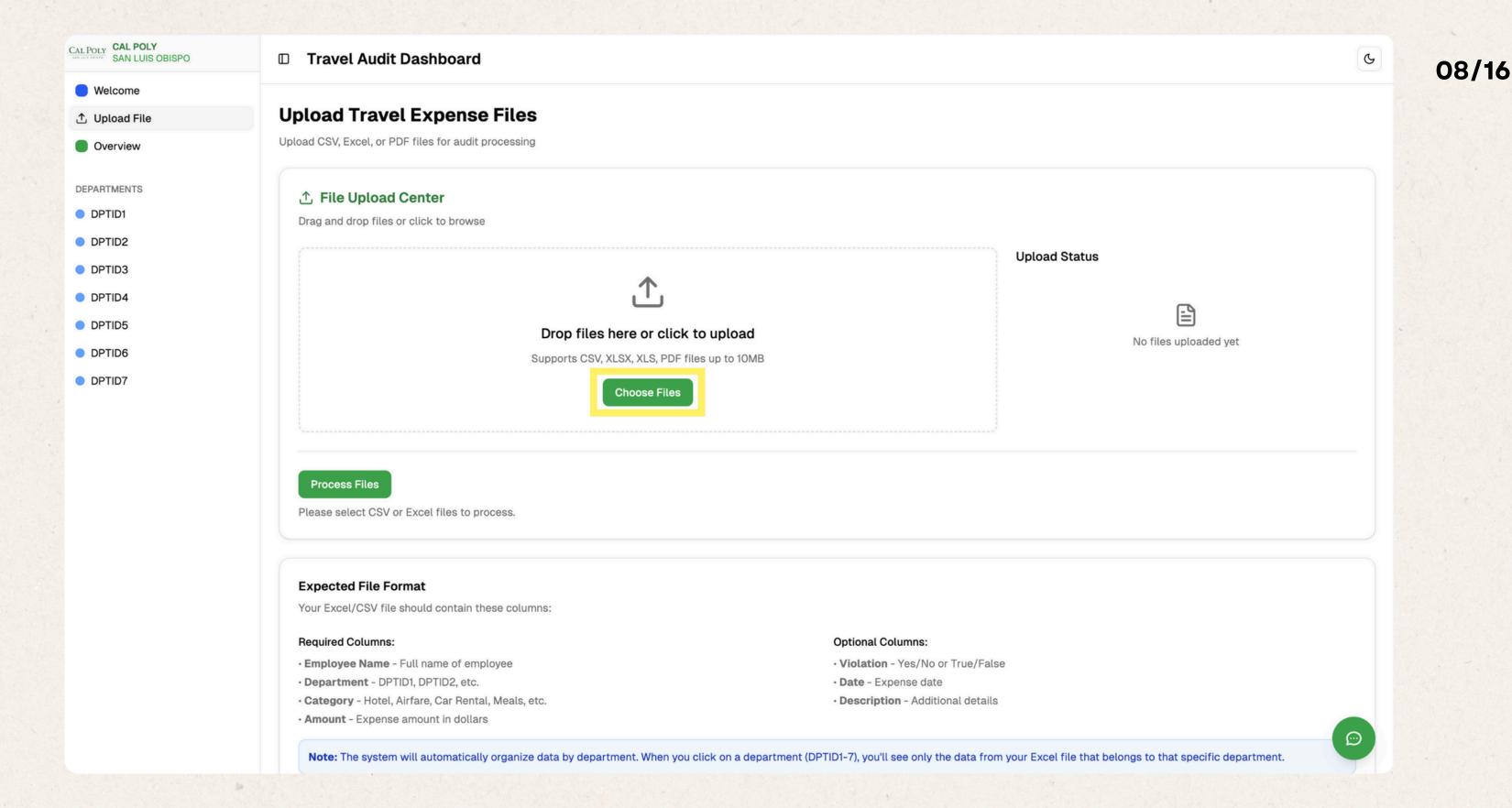


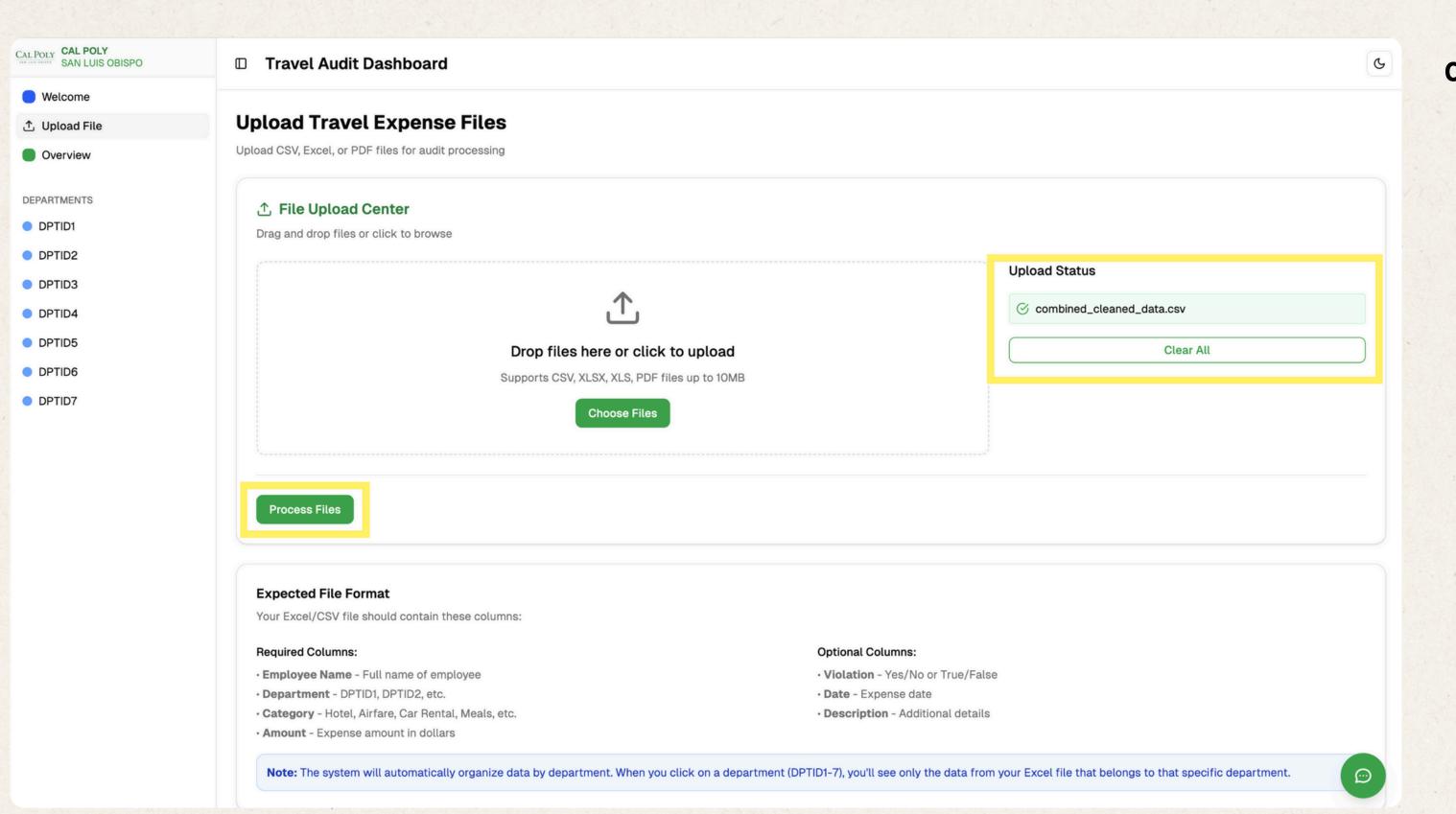
#### Website

Friendly user interface with interactive dashboards providing insight.

# Analysis of Sinucture

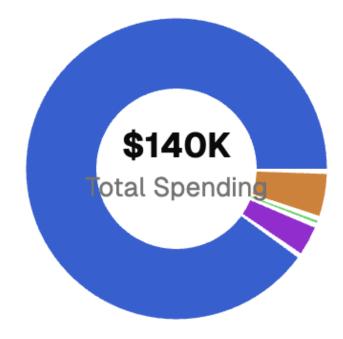






#### 10/16

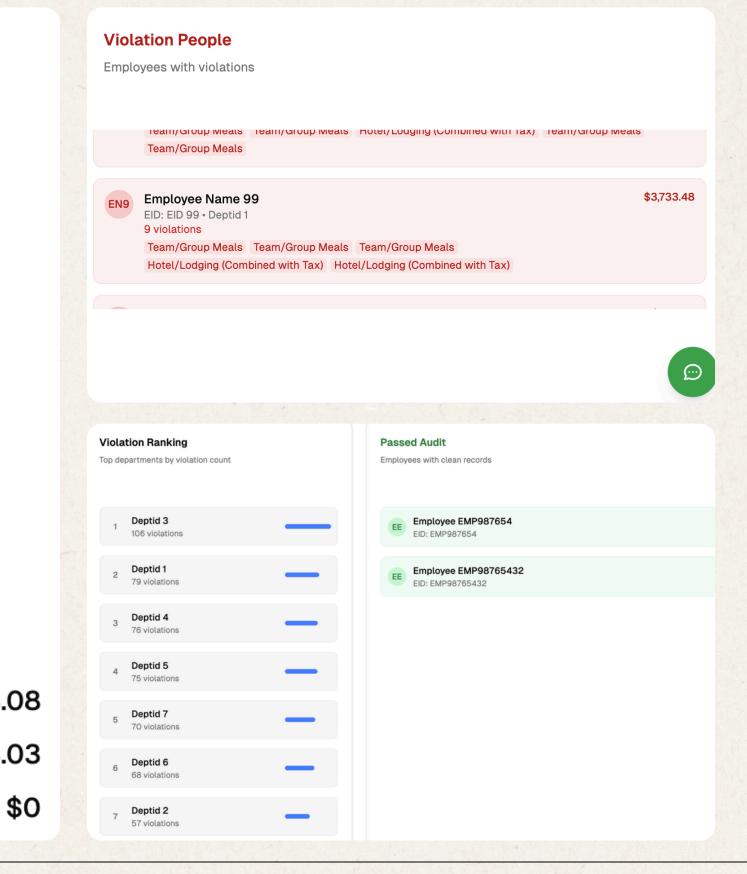
#### **Total Travel Spending**

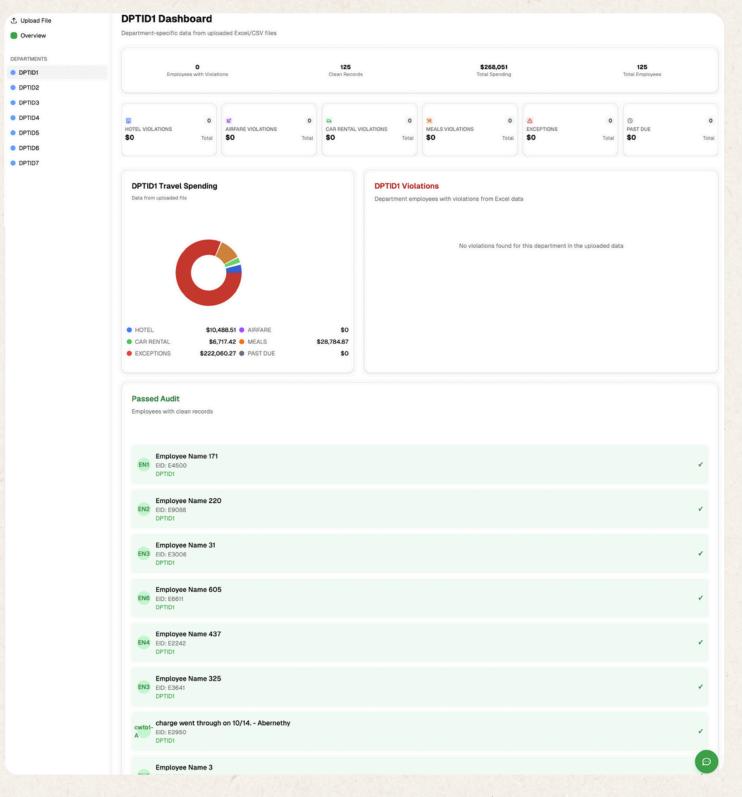


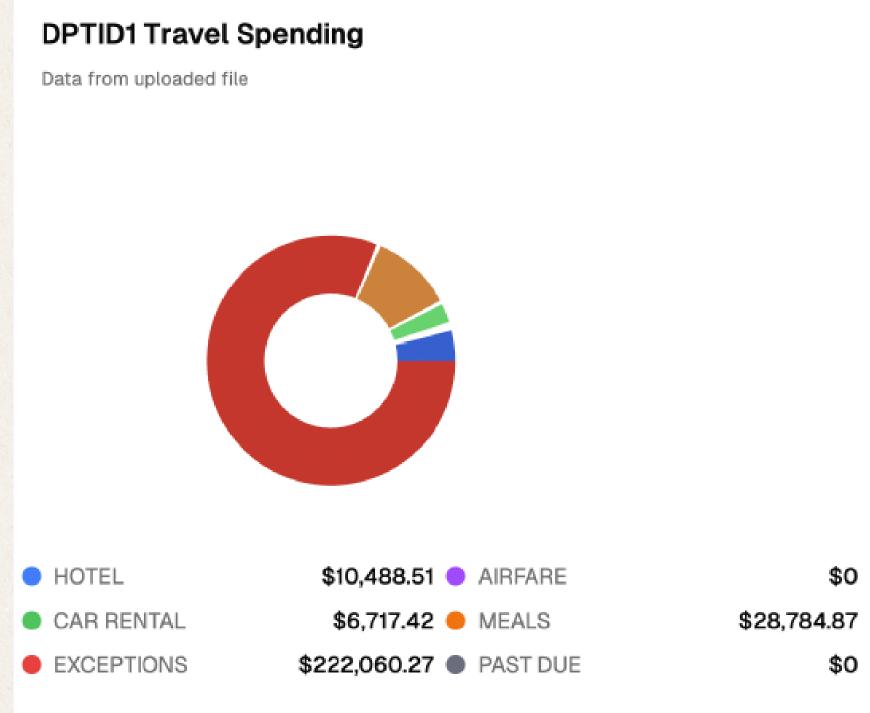
HOTEL \$129,100.87 • AIRFARE \$4,424.08

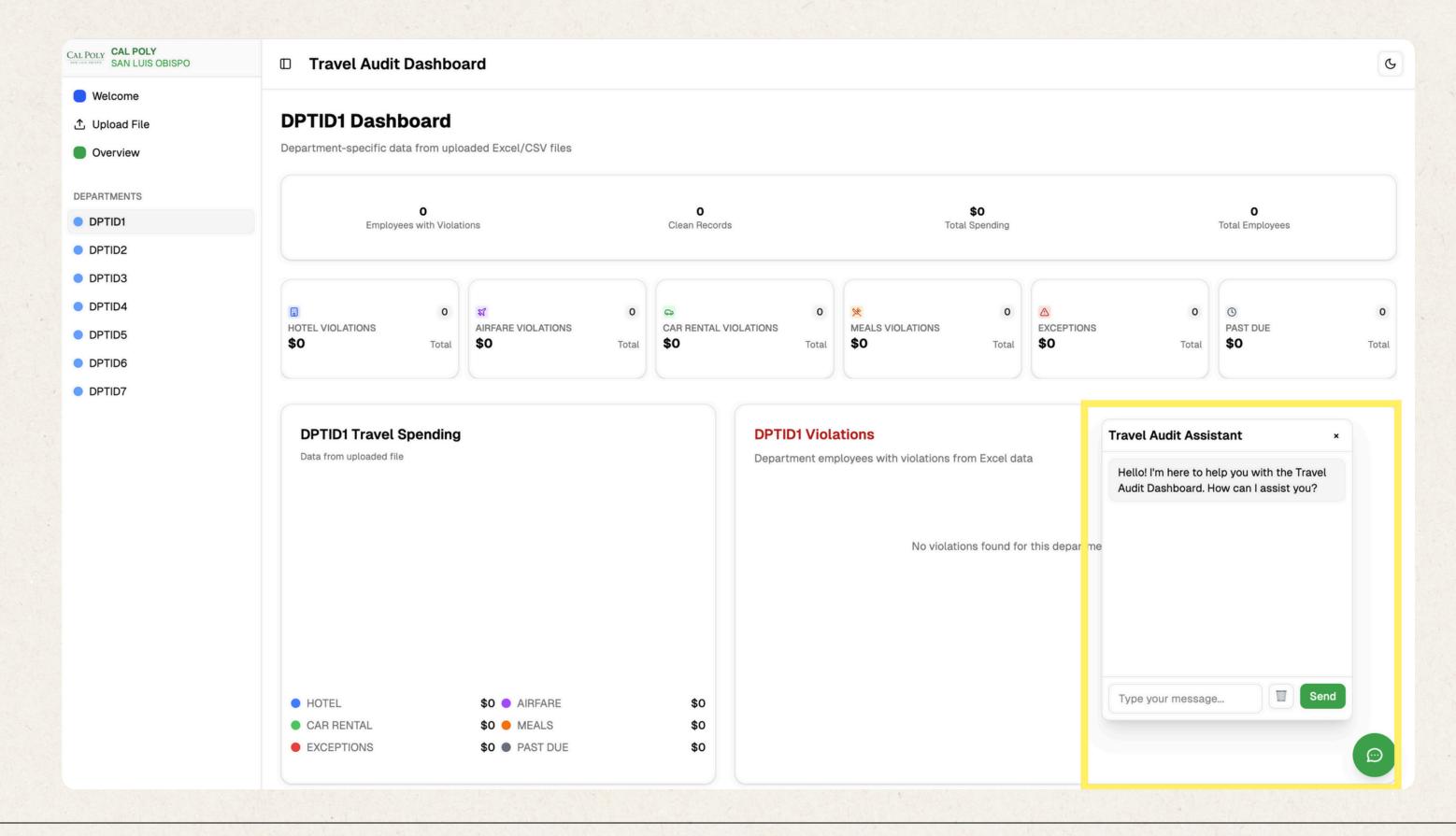
CAR RENTAL \$327.88 MEALS \$6,484.03

EXCEPTIONS
\$0 PAST DUE





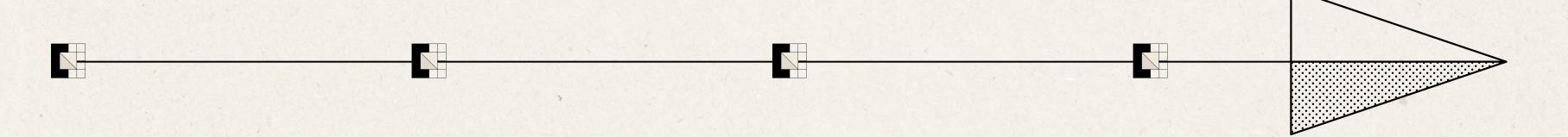




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#### **Future Features**

What else can we do with this creation?



#### Receipt Analysis

Use an LLM to read through a receipt.

## **Email Report Generation**

Create a summarized report.

#### Historical Trend Analysis

Discover patterns and predict outcomes.

#### Real-Time Concur API Integration

Update dashboards with Concur uploads in real-time.

# SPECIAL THANKS TO:



NICK OSTERBUR

DARREN KRAKER

RYAN MATTESON

TRINITY KEY AND OUR MENTORS!



# Thank youl





