

Team 2

Ettione c. Stuckey II, Max Ross, Mario Avila

Title

- Restaurant ETL Pipeline

Change History

- Document Created 1/22/2024

Objectives

- Source files will be converted to Pandas dataframes
- Source files will be cleaned (deal with nulls, duplicates, outliers)
- Clean source files will be merged
- A schema will be designed and the database will be set up
- Data will be exported from the source files onto the database

Success Metrics

- Straight forward schema design
- Pipeline generalized for new data
- Data/database is robust for analysis

Messaging

- TBD (This is for presenting import tem info, like changes in the plan).

Timeline & Release Planning

- One week for Complete product to be available for demonstration.

Personas

- A restaurant owner looking to gain insight on their business..

Scenarios

- Papa Johns, a well known pizza chain wants to run a promotion to increase pizza sales and need to know many of each pizza type was sold.
- A new bakery has opened up in town and the owner is interested in upsizing. Before that though, he needs to know his total revenue for the past year.

Features In

- Schema
- Database features

Features Out

- Custom Dashboard

Designs

See Attached:

- Visual design / Mockup
- ER Diagram

Open Issues

- None yet!

Q&A

- Reach out and ask if you have any questions!