Assignment: OpenData Dallas Food Inspections

Data: Dallas Food Inspections

Sources: Open Data Dallas

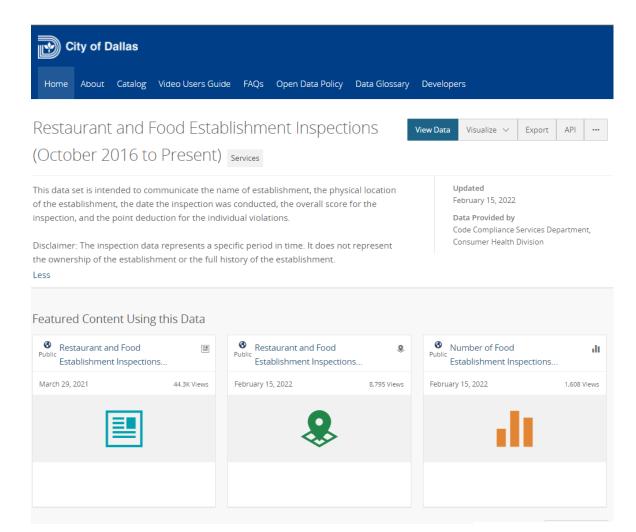
File Extract:

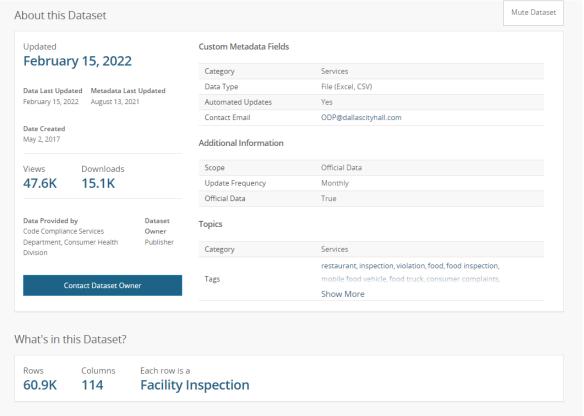
Restaurant_and_Food_Establishment_Inspections__October _2016_to_Present_.tsv

Tools:

- Alteryx
- ER/Studio





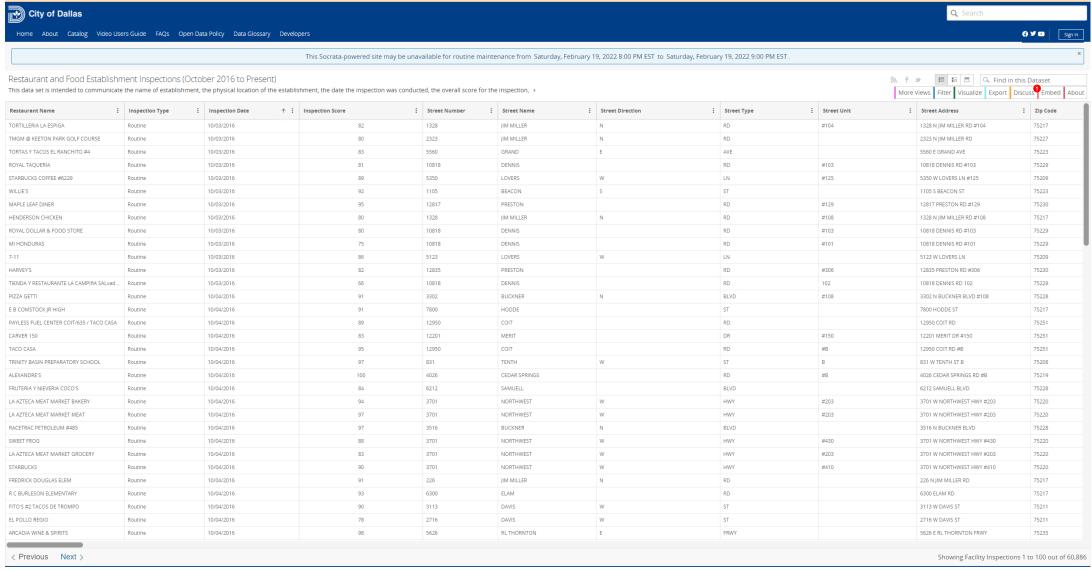


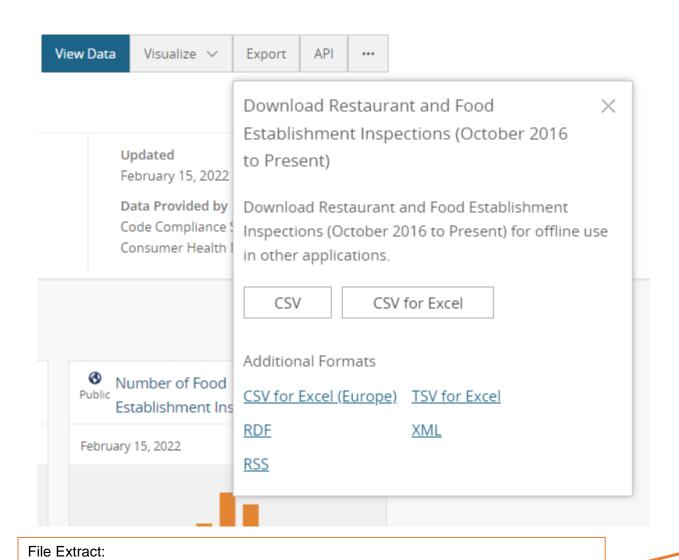


| What's in th | /hat's in this Dataset? | | | | | | | | |
|----------------|-------------------------|-----------------------------|--|-------------|---|---|--|--|--|
| Rows 60.9K | Columns 114 | Each row is a Facility Insp | ection | | | | | | |
| Columns in | this Datase | t | | | | | | | |
| Column Name | | | Description | Туре | | | | | |
| Restaurant N | ame | | The Program Identifier allows users to add a description fo | Plain Text | Т | ~ | | | |
| Inspection Ty | pe | | Code indicating the inspection type, such as Routine, Follo | Plain Text | Т | ~ | | | |
| Inspection Da | ite | | Date the inspection for the facility was performed. | Date & Time | Ħ | ~ | | | |
| Inspection Sc | ore | | The aggregate score from the inspection violations. Please | Number | # | ~ | | | |
| Street Number | er | | Street number for the address of the facility. | Number | # | ~ | | | |
| Street Name | | | Street name for the address of the facility. | Plain Text | Т | ~ | | | |
| Street Directi | on | | Street direction for the address of the facility. For example, | Plain Text | Т | ~ | | | |
| Street Type | | | Street type for the address of the facility. For example, AVE, | Plain Text | Т | ~ | | | |
| Street Unit | | | Unit number or apartment number for the address of the f | Plain Text | Т | ~ | | | |
| Street Addres | SS. | | Full street address of the facility. | Plain Text | Т | ~ | | | |
| Zip Code | | | Zip Code of the facility's address. | Plain Text | Т | ~ | | | |
| Violation Des | cription - 1 | | A brief description of the violation. | Plain Text | Т | ~ | | | |
| Violation Poir | nts - 1 | | The amount of points assigned to this violation. | Number | # | ~ | | | |
| Violation Det | ail - 1 | | Field used to describe the type of violation associated with | Plain Text | Т | ~ | | | |
| Violation Mer | no - 1 | | This field is used for any additional comments about the e | Plain Text | Т | ~ | | | |
| | | | | | | | | | |

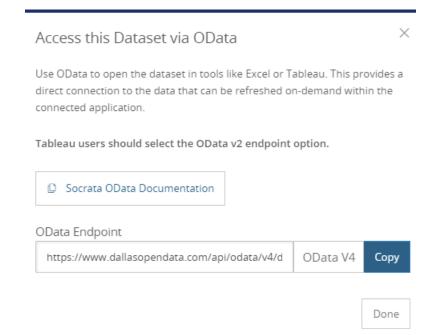
| Violation Description - 22 | A brief description of the violation. | Plain Text | Т | ~ |
|----------------------------|--|------------|---|---|
| Violation Points - 22 | The amount of points assigned to this violation. | Number | # | ~ |
| Violation Detail - 22 | Field used to describe the type of violation associated with | Plain Text | Т | ~ |
| Violation Memo - 22 | This field is used for any additional comments about the e | Plain Text | Т | ~ |
| Violation Description - 23 | A brief description of the violation. | Plain Text | Т | ~ |
| Violation Points - 23 | The amount of points assigned to this violation. | Number | # | ~ |
| Violation Detail - 23 | Field used to describe the type of violation associated with | Plain Text | Т | ~ |
| Violation Memo - 23 | This field is used for any additional comments about the e | Plain Text | Т | ~ |
| Violation Description - 24 | A brief description of the violation. | Plain Text | Т | ~ |
| Violation Points - 24 | The amount of points assigned to this violation. | Number | # | ~ |
| Violation Detail - 24 | Field used to describe the type of violation associated with | Plain Text | Т | ~ |
| Violation Memo - 24 | This field is used for any additional comments about the e | Plain Text | Т | ~ |
| Violation Description - 25 | A brief description of the violation. | Plain Text | Т | ~ |
| Violation Points - 25 | The amount of points assigned to this violation. | Number | # | ~ |
| Violation Detail - 25 | Field used to describe the type of violation associated with | Plain Text | Т | ~ |
| Violation Memo - 25 | This field is used for any additional comments about the e | Plain Text | Т | ~ |
| Inspection Month | Added column to improve visualization of inspections by m | Plain Text | Т | ~ |
| Inspection Year | Added column to improve visualization of inspections for s | Plain Text | Т | ~ |
| Lat Long Location | Denotes a location point on a longitude line (perpendicular | Location | 8 | ~ |
| | | | | |







Restaurant and Food Establishment Inspections October 2016 to Present .tsv



OData V4:

https://www.dallasopendata.com/api/odata/v4/dri5-wcct

Downloaded to your class OneDrive



Dallas: Code Compliance Services

Score Range

100-90 (Very Good - Regular 6 month inspection)

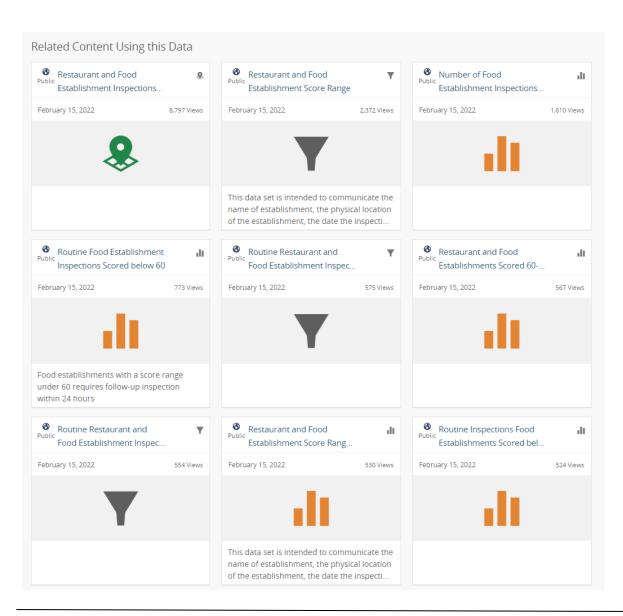
89-80 (Good - Regular 6 month inspection)

79-70 Passing - Requires re-inspection within 30 days)

69-60 (Failing - Requires follow-up inspection within 10 days or closure)

59 and below (Unacceptable - Closure; requires inspection before reopening)



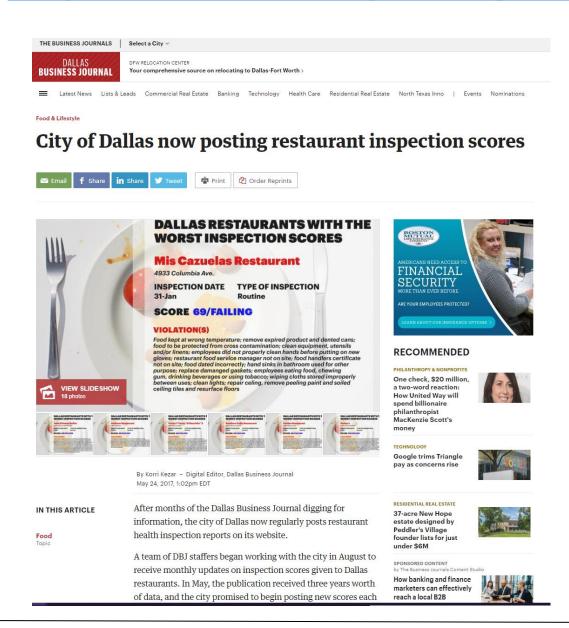


Business requirements:

 Examples of reports or visualizations people are interested in

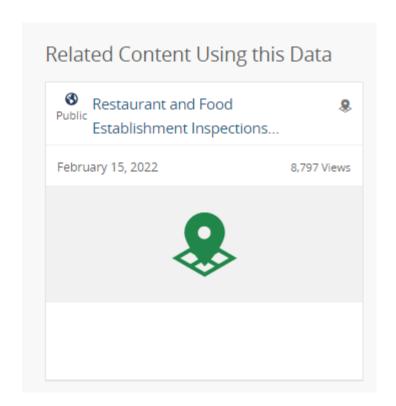


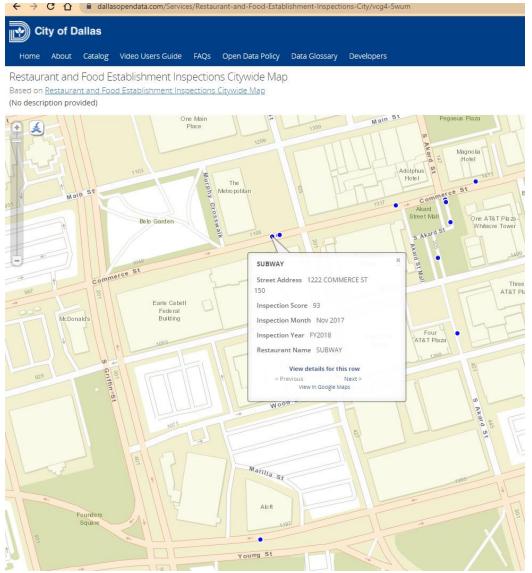
City of Dallas now posting restaurant inspection scores





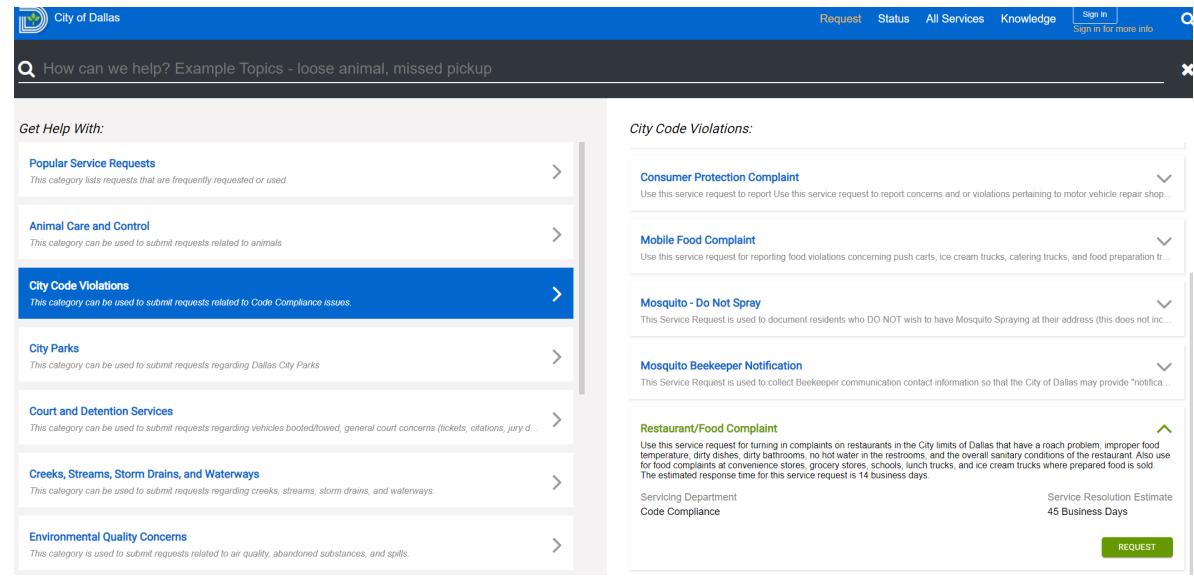








Dallas: City Code Violations





Dallas: Restaurant and Food Establishment Inspections Deliverables



Deliverables

- Identify Dimensions & Facts
- Create a Dimensional Data Model (ER/Studio)
- Create DDL for any database being used in this class
- Create schema in chosen database
- Create data preparation workflow to load data (Alteryx)
- Load data

Submit:

- Screenshots of each of the above
- ER/Studio dm1 file, DDL script, Alteryx file
- Table row counts

