Topics Covered

- Overview of the commute time augmentation & the Mapquest API

- Configuring the data destination needed for the commute time augmentation

- Setting up & running the commute time augmentation in One AI

- Reviewing, deploying, & visualizing the commute time augmentation to leverage data in Explore & on Storyboards

Learning Outcomes

You will:

- Understand of what the commute time augmentation is, including its purposes & use of the MapQuest API to provide commute distances & times

- Be able to create a commute time augmentation, from configuring the data destination to setting up the augmentation & running it successfully

- See the importance of carefully reviewing the results of the commute time augmentation before deploying

- Become familiar with how to visualize this data on Storyboards

Overview & Use Cases

Commute Time Augmentation & MapQuest API

Sends combinations of home & office zip codes to the **MapQuest API** to provide time/distance between an employee's home & office location

- Results containing these zip codes, times, & distances linked to employee IDs are **not** shared outside One Model
  - Mapping happens in One Model
  - **Only** the zip code combinations are sent to the Mapquest API
- MapQuest API is a fee-based service; One Model provides reasonable use of the service to customers for no additional cost
  - Reasonable use = 50,000 transactions per client per year
  - 3-6 transactions required for each postal code combination

Commute Time Augmentation Use Cases

- Post-pandemic back to office planning
- Refining employees office assignments
- Incorporating data into predictive models as input features
- Diversity analyses

Commute Time (Minutes)

Location: ✓ California

175
150
125
100
75
50
25
0

65   121   39   52   148

● Headcount (EOP): 10 - <20 minutes   ● Headcount (EOP): 20 - <30 minutes
● Headcount (EOP): 30 - <40 minutes   ● Headcount (EOP): 40 - <50 minutes
● Headcount (EOP): Unknown

Avg Time (Minutes)

Location: ✓ California

29

Min Time (Minutes)

Location: ✓ California

17

Max Time (Minutes)

Location: ✓ California

41

OneModel Academy

One AI

Data Destinations

Configuring & Running

Reviewing, Deploying, & Visualizing in Storyboards

OneModel Academy

Thanks for watching!

OneAI