

# Dynamics 365 Customer Insights

Lab 3 Segments, Customer Cards, Activities, Enrichment



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#### **Module Introduction**

## Segmentation

Now you'll create marketing segments to promote Contoso Coffee's new Cold Brew Coffee offering as well as to identify customers with a higher-than-average online spend. Contoso wants to target these segments with their new subscription and connected coffee machine services. These segments will allow Contoso Coffee Marketing to deliver personalised, targeted marketing journeys for upcoming product launch.

#### **Customer Search and Cards**

You will use the Customers section of Customer Insights to review the unified customer profiles. After defining the fields to be indexed you will search for customers and will review the information shown about each unified customer profile.

#### **Activities**

Activities provide a way for you to see customer activities, such as purchases, in a timeline in the Unified Customer Card.

#### **Data Enrichment**

Enrich your customer profiles with brands and interest affinities with the help of data from Microsoft or any third-party application.

# **Objectives**

- Generate Segments for use by Marketing
- Setup search and indexing for customers
- Configure Activities within Customer Insights
- Setup Data Enrichment

# **Prerequisites**

To complete the Customer Insights lab, you will need to have completed Lab 2.

# Approximate Time to Complete – 90 mins

# **Exercise 1 – Segmentation**

Segments enable you to group your customers into cohorts based on demographic, transactional, or behavioural customer attributes. Using segmentation, you can achieve more targeted actions such as promotional campaigns, sales activities, or customer support actions to achieve desired business goals. You can define complex filters around the Customer Profile entity and its graph of related entities. Each segment, after processing, outputs a set of customer entity records that you can export and take actions upon.

Segments can be static (defined at the point you activate them) or Dynamic. If you create a Dynamic segment, customers will drop in and out of the segment as they meet or no longer meet the criteria you define.

Using Customer Insights, Segments can be exported to **Dynamics 365 Marketing** or several other business applications and used to execute a targeted Customer Journey. Segments can also be exported to .csv or accessed via API.

Customer Insights also provides insights over the created segments. Using **Segment insights**, you can find what differentiates two segments or what they have in common. **Segment overlap** shows which customers are common among the segments. **Segment differentiators** helps you find what differentiates a segment from the rest of your customers or the other segments. With these insights, you can compare the segments against attributes and measures.

In this lab you will segment your unified customer profiles, to create cohorts of customers with similar attributes. There are a few ways to create segments and they'll

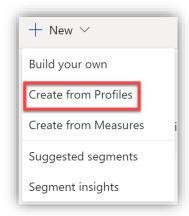
- Build your own
- Create from Profiles
- Create from Measures
- Suggested Segments

In this lab you'll create a segment from each of the methods and apply insights to them to discover additional information.

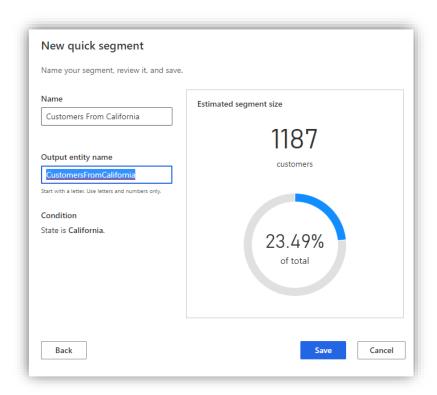
# Task 1 – Segment From Profiles: Customers from California

Create a segment of **Customers from California** from profiles.

- 1. Click on **Segments** in the left menu
- 2. Click the +New dropdown and select Create from Profiles



- 3. Select the Field -> State and Value -> California
- 4. Click Review
- **5.** Name your segment **Customers From California** and set the output entity name to **CustomersFromCalifornia**

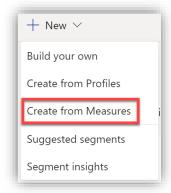


6. Click Save

# Task 2 – Segment From Measures: High Value Online Customers

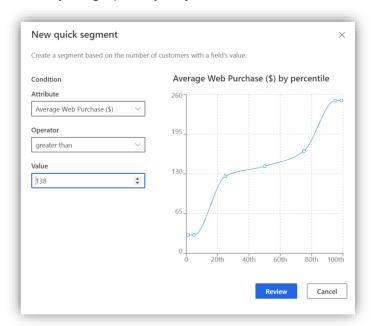
The Contoso Coffee Marketing team wants to run a new promotion to convert customers to a subscription model. The marketing team has identified that they wish to target customers with a higher-than-average online purchase value for their brew-at-home campaign.

- 1. Click on **Segments** in the left menu
- 2. Click the + New dropdown and select Create from Measures

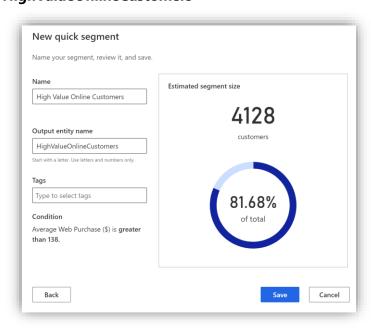


3. Select the Average Web Purchase (\$) attribute

- 4. Set the operator to **Greater Than**
- **5.** Set the value to **138.** You should have a new quick segment screen that looks something like this (your graph may vary based on the data):



- 6. Click Review
- 7. Name your segment **High Value Online Customers** and set the output entity name to **HighValueOnlineCustomers**

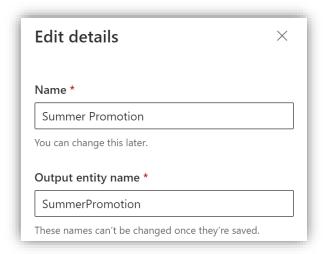


8. Click Save

## Task 3 – Segment From Blank: Summer Promo

The Contoso Coffee Marketing team want to run a new Summer Promotion targeting millennials with a higher than average in-store purchase with their newly launched Cold Brew Coffee. Create this segment manually (build your own)

- 1. Click on **Segments** in the left menu and Click on + **New** and select **Build your own**.
- 2. Click **Edit details**, Name to **Summer Promotion**, Output entity name to **SummerPromotion** and click **Done**



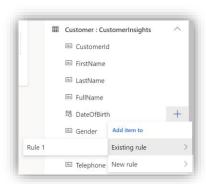
- 3. Enter an attribute name or add from side panel box, select Customer\_Measure : CustomerInsights → Average Store Purchase (\$)
- 4. Set the fields to is greater than or equal to and 113



**Note:** 113 is the average In-store purchase we calculated earlier.

5. In the right panel (Add to Rule1), select the + next to Customer: CustomerInsights,

DateOfBirth then select Add item to Existing Rule→Rule 1



- 6. Set the condition to is on or after 1/1/1981
- 7. In the right panel (Add to Rule1), select the + next to Customer: CustomerInsights,

  DateOfBirth then select Add item to Existing Rule→Rule 1
- **8.** Set the condition to **is on or before to 12/31/1996** *Note*: You may see extra blank conditions, simply trash them



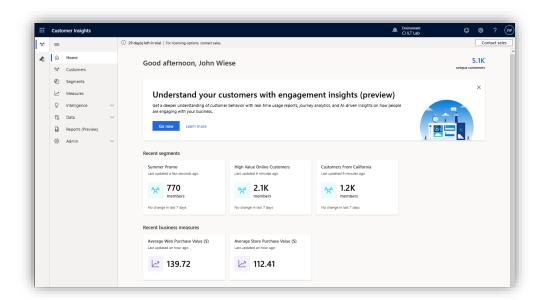
9. Click Save then click Run



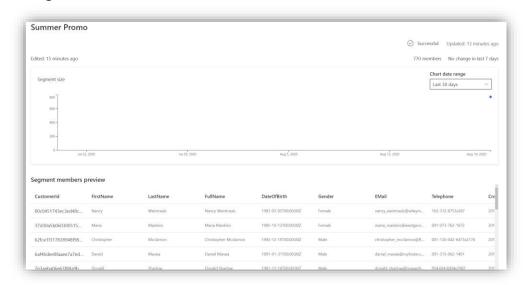
10. If you get a Continue running? pop-up, select Continue to make the Segment active

# Task 4 – Review Segments

1. Wait for all of segments to successfully run then navigate to the Customer Insights Home Page. You should see your segments displayed. **Note:** Your numbers may be slightly different if the underlying data has changed since the creation of this document.



2. Click on one of your segments from the home page or navigate back to Segments and select one from there. You will see a preview of the customers included within your segment, as well a timeline highlighting the segment size. Increases and decreases in the number of segment members will appear on the graph as data changes over time and the segment is rerun.



# Customer Insights

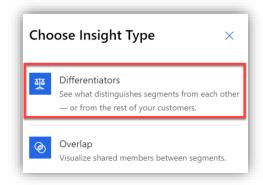
**3.** Now that you have created your segments you are ready to start acting upon your data. You can select the segment and click **Download** on the top for use in 3rd party software, or you can set up an Export Destination. Segments created within Customer Insights can be made available to other parts of the Power Platform, Dynamics 365 Marketing or external applications.

To do this you would go under **Admin -> Export Destinations** in the left side menu. Here you can setup and Export destination for **Dynamics 365 for Sales**, **Dynamics 365 Marketing**, **Azure Blob Storage** and several business applications or tools allowing you to use the segments to execute a Marketing Campaign. A later lab will walk you through this.

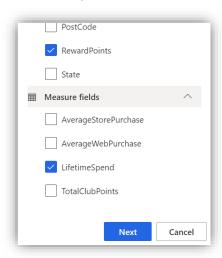
# Task 5 – Apply Segment Insights

Let's try to find out common customers that belong to both **Customers from California** and **High Value Online Customers** segments and what differentiates both of these segments in terms of **Reward points** and **LifetimeSpend**.

- 1. Click on **Segments** in the left menu, click on **Insights** tab and click on **New** on the top.
- 2. You will now see two options as below:



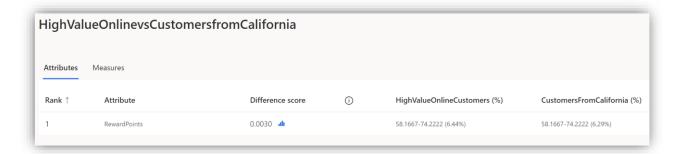
- **3.** Select **Differentiators** to see what distinguishes both segments.
- **4.** Choose **High Value Online Customers** as primary segment and hit **Next** and choose **Customers from California** as another segment and hit **Next**.
- 5. Now choose Customer fields: RewardPoints and Measures fields: LifetimeSpend to see how the above segments differ from each other with respect to Reward points and Lifetime Spend (you can leave the other Measure fields selected if you'd like to see those as well)

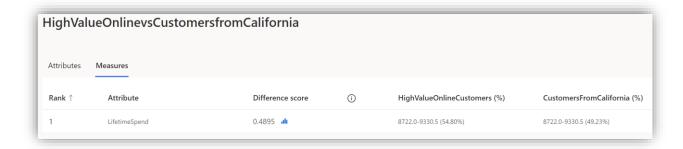


**6.** Click **Next** and name your insight **High Value Online vs Customers from California** with an Output entity name of **HighValueOnlinevsCustomersfromCalifornia** and click **Save.** 

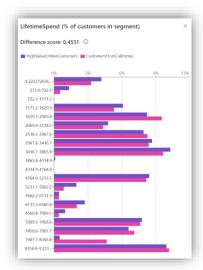


7. After the run is successful, you can click on the created insight to see a screen like below. Click on the Attributes or Measures tabs to see how the segments differ from each other with respect to them. Observe the **Difference score** which signifies the degree of difference. The higher the score the more different they are. You may need to refresh the browser window to see the results.

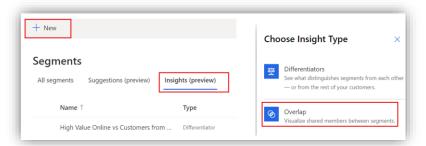




**8.** Click on each measure and attribute to see deeper insights.

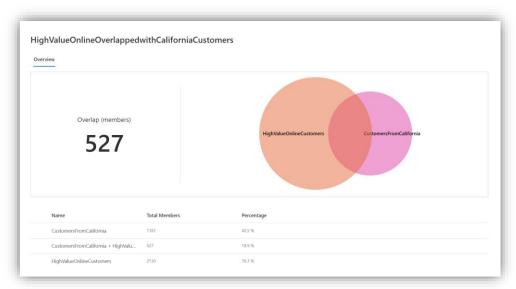


- **9.** You have successfully created segment insights using **Differentiators.** Now let's create using **Overlap.**
- **10.** From the **Segments -> Insights** tab and click on **New** on the top left and choose **Overlap.**



- **11.** Select both **High Value Online Customers** and **Customers from California** segments to find out their shared customers.
- 12. Click Next.
- **13.** Here as an optional step, you can also choose attributes to compare the segments just as we did with the **Differentiators.** Click **Next** to keep the defaults (**Income and RewardPoints**).
- **14.** Name your insight as **High Value Online Overlapped with California Customers** and set the Output entity name as **HighValueOnlineOverlappedwithCaliforniaCustomers**, then click **Save**.

**15.** After the run is successful, you click on it to see the insights detailing the total and percentage of shared customers between the two segments.

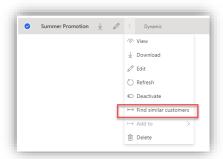


## Task 6 – Segment Expansion

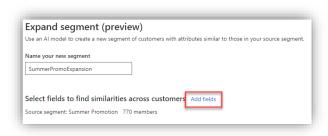
Segment Expansion can be used to find similar customers to your segment customer base using Artificial Intelligence.

Earlier we created a segment called **Summer Promotion** which has millennial customers with higher than average instore purchase. Here you'll expand that segment to find customers that are similar to them.

- 1. Click on **Segments** on the left menu and select the to the right of the **Summer Promotion** segment.
- 2. Choose Find similar customers.



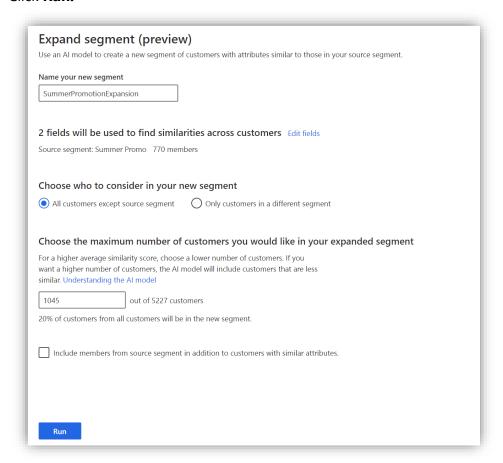
- 3. Name your segment SummerPromotionExpansion
- 4. Click on Add fields to select attributes and measures that are used to find similar customers. To target customers with similar average in-store purchase and location, choose Customer fields: PostCode and Measure fields: AverageStorePurchase and click Apply.





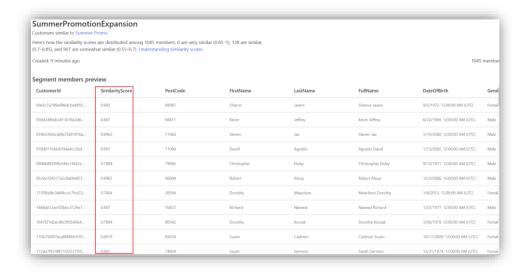
**16** | Page

- 5. Select All customers except source segment.
- **6.** Leave the maximum number of customers you would like in your expanded segment to the default, 20%
- 7. Leave Include members from source segment in addition to customers with similar attributes unchecked.
- 8. Click Run.



- **9.** After the run, you can see a new segment being created and click on it to find the similarity scores which range from 0.55 to 1.
  - 0.85-1 -> Very similar
  - 0.7-0.85 -> Similar
  - 0.55-0.7 -> Somewhat similar

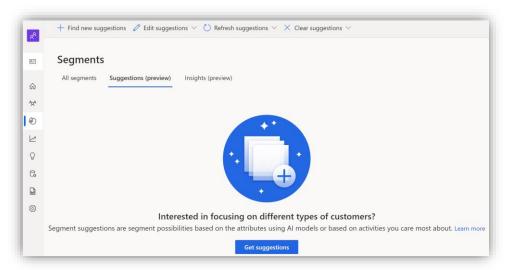




## **Optional – Suggested Segments**

Discover segments based on a numeric customer attribute or measure of interest

1. Under the Segments section, click on the **Suggestions (preview)** tab.

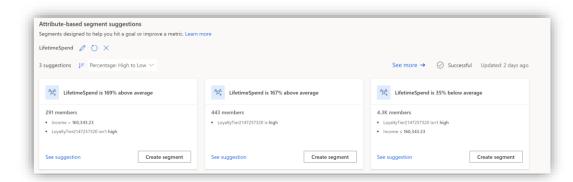


- 2. Click on Get Suggestions or + Find new suggestions
- 3. Choose Improve a measure/metric, then select Start
- **4.** Select **Measure fields: LifetimeSpend** as the target attribute (i.e., a customer attribute or measure of interest for which you want to discover segment suggestions) and click **Next.**
- **5.** Select **Customer fields: Email Subscriber, Income, Loyalty Tier, Occupation** and **State** as the influencing attributes.

**Note:** In case you do not know which attributes to select, it is advised to select many attributes so that the model can analyze, and surface segment suggestions based on the underlying patterns it uncovers. However, if you want to see how certain attributes influence "LifetimeSpend", you can choose only those as well.

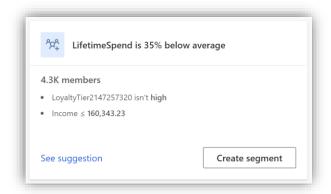
**6.** Click on **Run**. The Al model will start finding patterns between the selected influencing attributes and the target attribute to surface segment suggestions.

**7.** Once the model has finished running, if it was able to uncover patterns between the influencing attributes and the target attribute, segment suggestions will be displayed under the **Suggestions (preview)** tab. Click **See more** to see all suggestions.



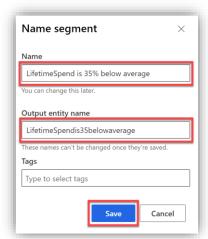
Since a numeric attribute was chosen as the target attribute, segment suggestions include those where the average value of the chosen target attribute (LifetimeSpend) is **significantly higher or lower that the average** LifetimeSpend value across all customers. We will also explore a scenario where a categorical attribute (E.g. – Customer Satisfaction: low/medium/high) is chosen as the target attribute in the next task.

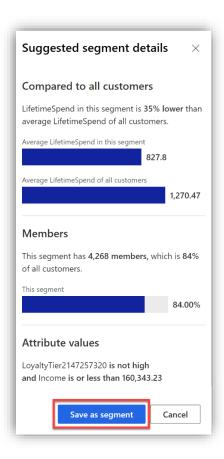
Each segment suggestion card denotes how the average LifetimeSpend in that segment compares to the overall average. The number of customers in the suggestion as well as the rules learned (i.e., common traits of customers in the segment) are also highlighted.



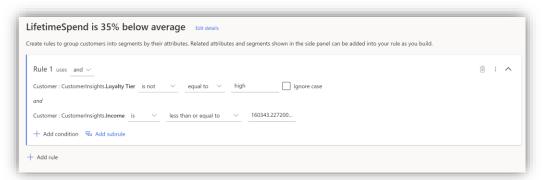
In the above suggestion, **LifetimeSpend is 35% below average.** I.e., The customers in this segment have historically spent much less compared to others. There are **4.3k** members, their income is less than or equal to 160,343.23 and their Loyalty Tier isn't high.

- **8.** Click **See suggestion** for **LifetimeSpend is 35% below average**. In the side panel, you will see the following:
  - Comparison of average LifetimeSpend of customers in this segment compared to all the customers
  - Number of customers in the segment and its proportion as compared to the entire customer base
  - The attribute values i.e., the rules that the model learned based on the selected influencing attributes.
- 9. You can then save the segment by clicking on Save as segment in the side panel.
  Name the segment and Output entity name as follows and click on Save.





10. The saved segment can then be viewed under the All segments tab and it can be used for downstream processes like any other dynamic segment. If you wish to look at the rules that the model learned after saving a segment, you can do so by clicking Edit next to the segment name (pencil icon or ellipsis)

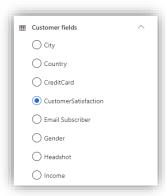


Discover segments based on a categorical customer attribute or measure of interest

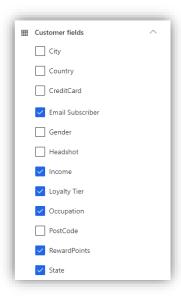
1. Under the Suggestions tab, click on Find new suggestions in the top menu to explore segment suggestions based on a different customer attribute or measure. This will replace the existing set of suggestions.



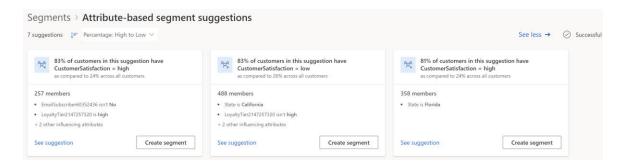
- 2. Select Improve a measure/metric
- **3.** Select **CustomerSatisfaction** as the target attribute of interest. Customer Satisfaction is a categorical attribute with 3 categories (low/medium/high) and we'd like to find segment suggestions based on this attribute. Then click **Next**.



**4.** Select **Email Subscriber**, **Income**, **Loyalty Tier**, **Occupation**, **RewardsPoints** and **State** as the influencing attributes.

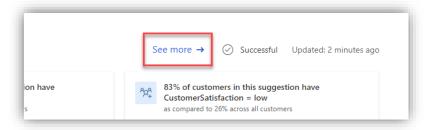


- **5.** Click on **Run**. The Al model will start finding patterns between the selected influencing attributes and the target attribute to surface segment suggestions. Please wait for a few minutes for the model to finish its analysis.
- **6.** Once the model has finished running, segment suggestions will be displayed under the **Suggestions (preview)** tab.



Since the target attribute is categorical, the Al model tries to find patterns/common traits of customers belonging to a particular category of the target attribute and surfaces segment suggestions. Since Customer Satisfaction has 3 different categories – **low, medium and high** – the Al model will try to find segments of customers that possess the same traits and a significant portion of them belong to a particular category (i.e., either low, medium or high).

**Note:** While only a few tiles are shown initially, you can click the **See More** link to see more suggestions that were found.



7. You can click on any suggestion to see segment details in the side panel. We will click on the suggestion that says 83% of customers in this suggestion haveCustomerSatisfaction = low. In the side panel, you will see the following:

- Comparison of percentage of customers in this segment that have CustomerSatisfaction = Low as compared to percentage of all customers that have CustomerSatisfaction = Low
- Number of customers in the segment and its proportion as compared to the entire customer base
- The attribute values i.e. the rules that the model learned based on the selected influencing attributes.

In this case, 83% of customers in this segment have CustomerSatisfaction = low as compared to 26% among all customers. There are 488 members in this segment which is 10% of the entire customer base. These customers are live in California, do not belong to the high loyalty tier, are not Teachers and do not live in Florida. This helps provide insight that 94% of customers having the above-mentioned traits have a low customer satisfaction. This information can then be used to target customers in this segment with personalized messaging and/or customer service to help improve their customer satisfaction and in turn address corresponding business goals.

Suggested segment details Compared to all customers 83% of customers in this suggestion have CustomerSatisfaction = low as compared to 26% across all customers. CustomerSatisfaction = low in this segment 83.00% 26.00% Members This segment has 488 members, which is 10% of This segment 10.00% Attribute values State is California and LoyaltyTier2147257320 is not high and Occupation is not Teacher and State is not Florida

8. Create this segment by clicking on **Save as segment** in the side panel.

The segment can then be viewed under the **All segments** tab and it can be used for downstream processes like any other dynamic segment. If you wish to look at the rules that the model learned after saving a segment, you can do so by clicking **Edit** next to the segment name (pencil icon or ellipsis)

#### **Exercise 2 – Customer Search**

The **Unify process (Map** → **Match** → **Merge)** that was completed in Lab 4A resulted in a unified customer profile.

In this lab you'll setup Search and Filter criteria to enable Customer Insights users to search for unified customer profiles. This will enable them to quickly pull information on a specific customer or group of customers.

# Task 1 – Configure the Search Columns and Filter Index

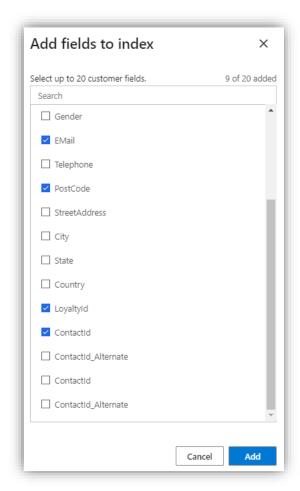
- 1. Click **Customers** in the left menu bar
- 2. Click Search & filter index
- **3.** You're going to Add more search fields (in addition to the default fields that are shown) by clicking **+ Add**

Select the following fields (if not already select) and then click **Add**: **CustomerId**, **FirstName**, **LastName**, **FullName**, **Email**, **PostCode**, **Headshot**, **ContactId**, **LoyaltyId**,

**4.** These fields will be indexed and used when searching for a Customer profile.

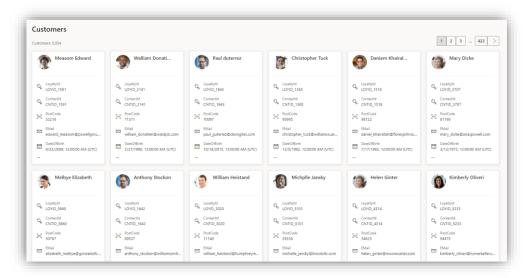
You can also apply string filters like sort attributes from A-Z or Z-A or highest to lowest frequency. To do that, click **Add filter or Edit Filter options** across the selected search fields.

5. Click Save and then Run



#### Task 2 – Search for a Customer Record

Click Customers in the left menu bar. You should now be presented with a set of
customer cards, representing the Unified Profiles. You can expand cards to see more
about the customer or sort the cards with various fields by clicking on Expand cards and
Sort options on the top.



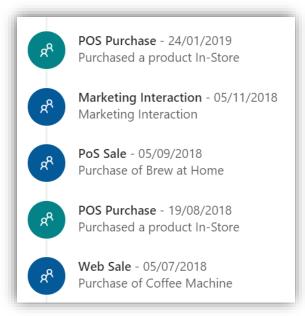
**2.** You can use the search bar to search for **Text attributes** relating to unified customer profiles. E.g., Searching '**24502**' will search against all text attributes and return matches and partial matches.

Use the search bar to answer the following questions.

- What is Brian Gobble's Date of Birth?
   (Search with 'Gobble' or 'Brian Gobble')
- Which customer has Loyalty Card ID LOYID\_5707? (Search with 'LOYID\_5707')
- Which customer has a postcode of 24502? (Search with '24502')

# **Exercise 3 – Setting up Activities**

Activities consolidate customer activities from various data sources that you can add as a timeline view on the unified customer profile. Activities can also be embedded in business applications.



Activities are any customer touch point – these include purchases, customer service cases, emails, phone calls, branch visits, web, and social media activity to name a few. In other scenarios interactions could also be data gathered from connected devices, withdrawals or deposits in banking, entry/exist of a premises or area.

# Task 1 – Add an activity for eCommerce Purchases

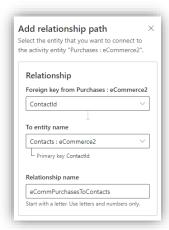
- Within Customer Insights, Expand Data -> Activities on the left menu and click + Add Activity
- 2. On the **Activity data** screen set the following values:
  - Activity name: OnlinePurchase
  - Entity: Purchases : eCommerce
  - Primary Key: Purchaseld



3. Click Next. On the Realtionships screen click Add relationship



- **4.** In the **Add relationship path** pop-up set the following values:
  - Foreign key: ContactId
  - To entity name: Contacts: eCommerce
  - Relationship name: eCommPurchasesToContacts



- 5. Click **Apply** to close the pop-up
- 6. Click Next
- 7. On the **Unify your customer activity data** screen set the following values:

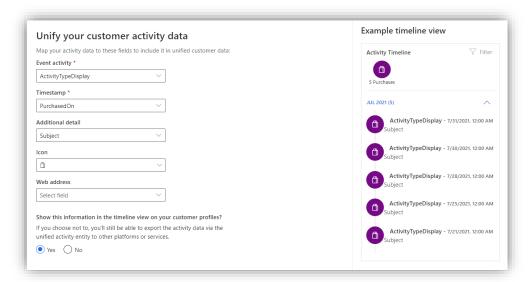
- Event activity: **ActivityTypeDisplay** 

Timestamp: PurchasedOnAdditional detail: Subject

- Icon: 🗂

Web address: <blank>

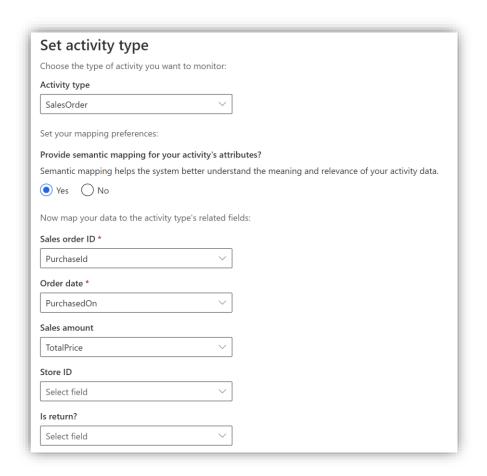
- Show this information...: Yes



#### 8. Click Next

**9.** Set the Activity type to **SalesOrder**, select **Yes** for Provide semantic mapping for your activity's attributes and Map the field as follows:

Sales order ID: PurchaseID
 Order date: PurchasedOn
 Sales amount: TotalPrice
 Store ID: <blank> or None
 Is return: <blank> or None



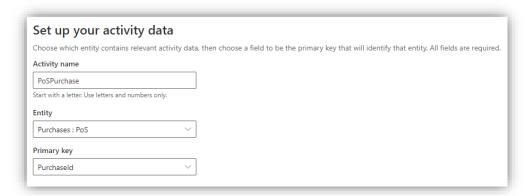
10. Click Next, review your entries then click Save activity and click Done

# Task 2 – Add an activity for PoSPurchases

- 1. Click Add Activity
- 2. On the **Activity data** screen set the following values:

Activity name: PoSPurchaseEntity: Purchases : PoS

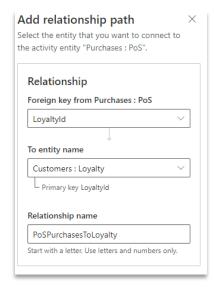
- Primary Key: **Purchaseld** 



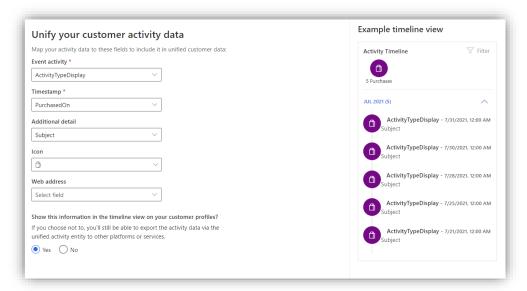
3. Click **Next**. On the **Realtionships** screen click Add relationship



- 4. In the Add relationship path pop-up set the following values:
  - Foreign key: Loyaltyld
  - To entity name: Customers: Loyalty
  - Relationship name: PoSPurchasesToLoyalty
- 5. Click **Apply** to close the pop-up
- 6. Click Next

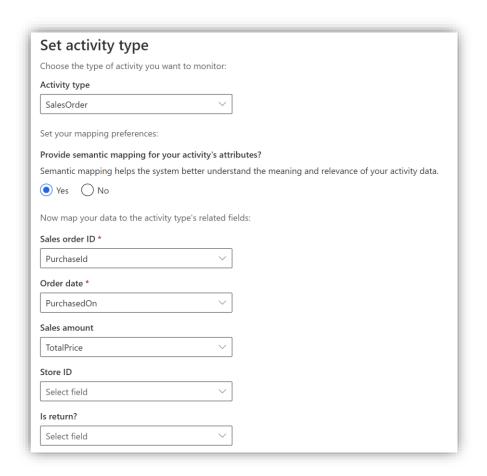


- 7. On the **Unify your customer activity data** screen set the following values:
  - Event activity: ActivityTypeDisplay
  - Timestamp: PurchasedOn
  - Additional detail: Subject
  - Icon: 🗓
  - Web address: <blank>
  - Show this information...: Yes



#### 8. Click Next

- **9.** Set the Activity type to **SalesOrder**, select **Yes** for Provide semantic mapping for your activity's attributes and Map the field as follows:
  - Sales order ID: PurchaseID
  - Order date: PurchasedOn
  - Sales amount: TotalPrice
  - Store ID: <black> or None
  - Is return: <blank> or None



10. Click Next, review your entries then click Save activity and Done

# Task 3 – Add an activity for Website Reviews

- 1. Click Add Activity
- 2. On the **Activity data** screen set the following values:

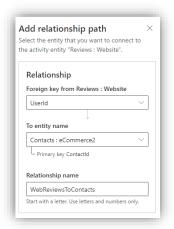
Activity name: WebsiteReview
 Entity: Reviews : Website
 Primary Key: ReviewId



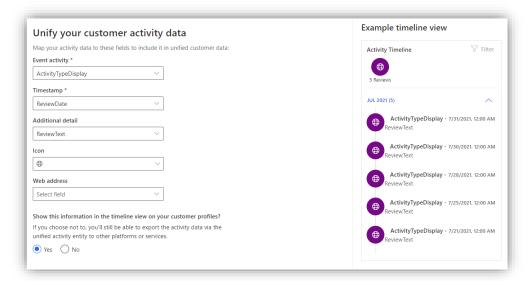
3. Click Next. On the Realtionships screen click Add relationship



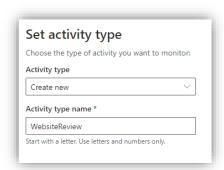
- **4.** In the **Add relationship path** pop-up set the following values:
  - Foreign key: UserId
  - To entity name: Contacts: eCommerce
  - Relationship name: WebReviewsToContacts
- **5.** Click **Apply** to close the pop-up
- 6. Click Next



- 7. On the **Unify your customer activity data** screen set the following values:
  - Event activity: ActivityTypeDisplay
  - Timestamp: ReviewDate
  - Additional detail: ReviewText
  - Icon: 🌐
  - Web address: <blank>
  - Show this information...: Yes



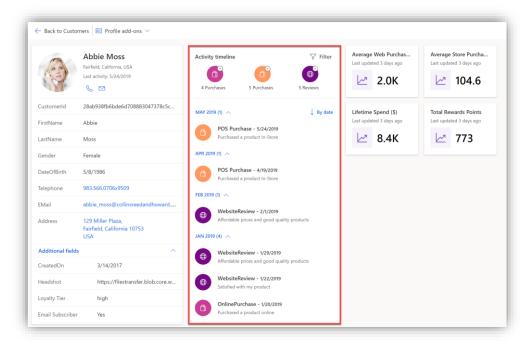
- 8. Click Next
- **9.** One the **Set activity type** screen set the type to **Create New** and then enter **WebsiteReview** for the Activity Type Name.



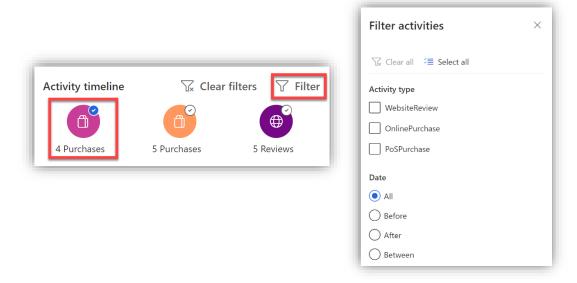
10. Click Next, review your entries then click Save activity and Done

#### Task 4 – Confirm the Activities

- 1. Click **Run** on the top to run the configured activities. Once they have completed click on **Customers** in the left-hand menu
- 2. Search for Abbie Moss
- **3.** You can now see activities listed for **Abbie** on the timeline.



**4.** Click **Filter** to filter by activity type and date. You can also just select an activity type icon to filter by it.



# **Exercise 4 – Enriching the Data**

Data Enrichment leverages data from Microsoft and other partners to enrich your customer profiles. You will select the brands and interests that are relevant for your business. For this exercise, you will look for specific coffee companies and beverage related categories that align to Contoso Coffee.

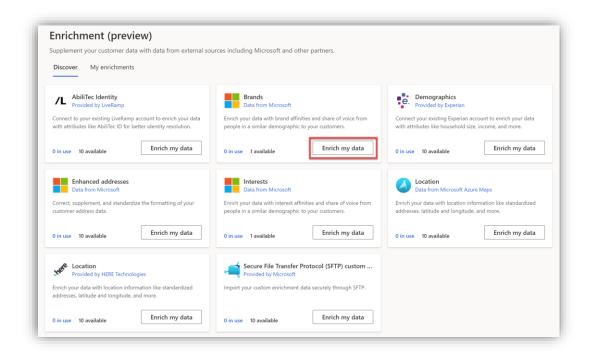
Think of enrichment as a way to say, "for each of my customers, show me their likely affinity towards each of the brands and interests based on the fields I map". Then for each customer, Customer Insights looks for all customers that are similar age, location and/or gender and calculate their brand affinity and interests.

If you leverage third party applications to enrich your data, you'll need an active license/subscription for that service.

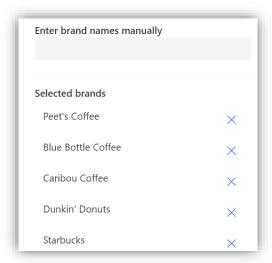
For this lab, we will configure enrichment using Brands (Data from Microsoft).

## Task 1 – Adding Brand Enrichment

- 1. Navigate to Data -> Enrichment
- 2. Click the Enrich my data button on the Brands tile

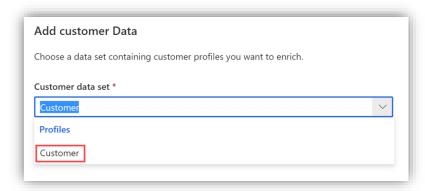


- 3. Click Next
- 4. Click **Select an industry** dropdown
- 5. Review the list of categories that are presented in the Industry dropdown. Note that there isn't anything specific to your industry (coffee). You could possibly use Retailers & General Merchandise but that is not specific enough. Entering brands manually will get to the level of specificity that is needed.
- 6. Select Enter brand names manually
- 7. In the **Brands** box enter these brands (select them when they appear):
  - Peet's Coffee
  - o Blue Bottle Coffee
  - Caribou Coffee
  - Dunkin Donuts
  - Starbucks



- 8. Click Next
- **9.** On the **Enrichment preferences** screen leave the brand affinity level at **Medium** (Include profiles with Medium to Very high affinity levels) and set the match precision to **Exact** and aggregate
- 10. Click Next

**11.** On the **Add customer Data** screen choose **Customer** under **Profiles** in the **Customer data set** dropdown, then click **Next**.



**12.** On the **Data Mapping** screen, choose the fields that map your data with the data from the corresponding brand attributes. We can map both demographics as well as location information. At a minimum you must map a country/region. Mapping more attributes will get more refined results.

The system will pre-fill the entries when it can find a likely match. You can override these by clicking the dropdown and selecting a different field. Here are the settings to use:

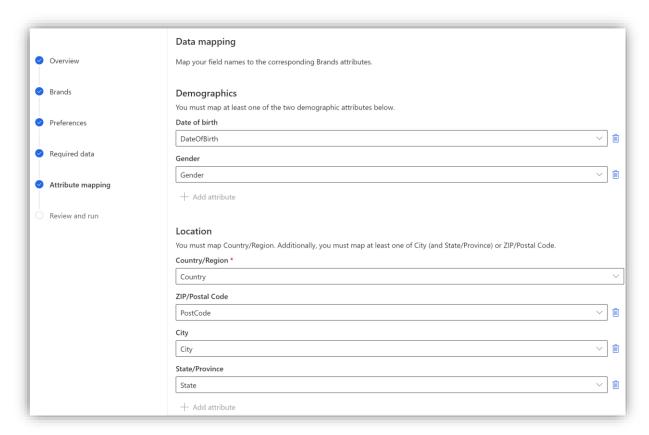
Date of Birth: DateOfBirth

- Gender: Gender

Country/Region: CountryPostal Code: PostCode

- City: **City** 

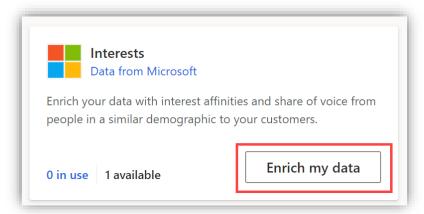
State/Province: State



- 13. Click **Next** and review your entries
- 14. Name your enrichment BrandEnrichment
- 15. Click Save enrichment and then Run

# Task 2 – Adding Interests Enrichment

- 1. Navigate to **Data -> Enrichment -> Discover**
- 2. Click the Enrich my data button on the Interests tile and then Next

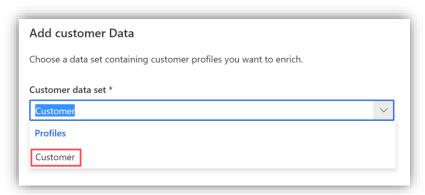


- **3.** In the **Enter interests manually** box enter these interests:
  - Bottled Water & Water Delivery
  - Coffee
  - o Tea
  - Sports Drinks
  - Alcoholic Beverages

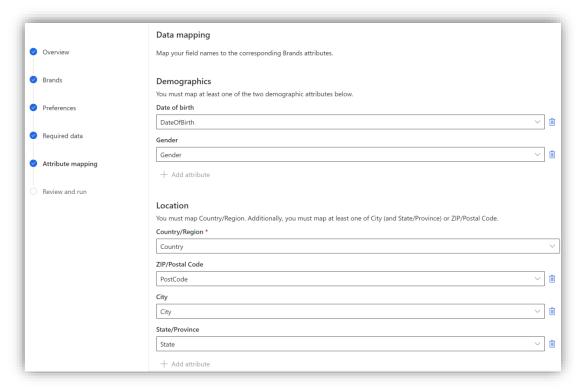


- 4. Click Next
- **5.** On the **Enrichment preferences** screen leave the brand affinity level at **Medium** and set the match precision to **Exact and aggregate**
- 6. Click Next

**7.** On the **Add data set** screen choose **Customer** from the **Profiles** section in the dropdown, then click **Next**.



- **8.** On the **Data Mapping** screen choose the fields to map your data with the corresponding Interests attributes. Here are the settings to use:
  - Date of Birth: DateOfBirth
  - Gender: Gender
  - Country/Region: CountryPostal code: PostCode
  - City: City
  - State/Province: **State**



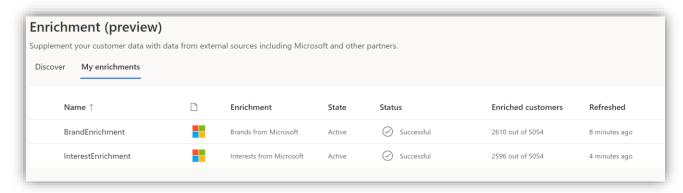
9. Click **Next** and review your entries

- **10.** Name your enrichment **InterestEnrichment**
- 11. Click Save enrichment and then Run
- **12.** The enrichments should be refreshing, if not you can click on **Run all** in the top menu and let the enrichments run

#### Task 3 – Review the Enriched Data

Once enrichment has finished running, it may take a bit, you can then look at what was created.

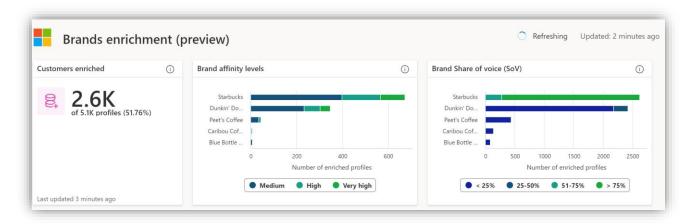
1. The first thing you will see is the number of profiles that were enriched with data.



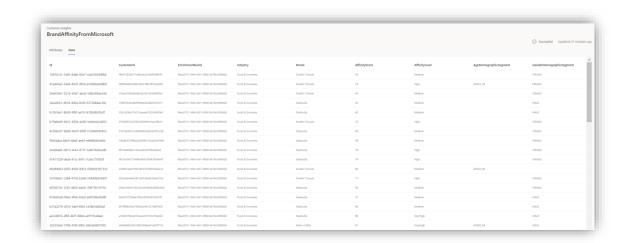
2. Click on **BrandEnrichment** and/or **InterestEnrichment** to see the results.

**Affinity** is a comparative across demographic segments. You can use this information to identify demographic segments that have the highest affinity for a given brand or interest, compared to other segments

**Share of voice** is a comparative across your selected brands or interests. You can use this information to identify which brand or interest has the highest share-of-voice for a given demographic segment, compared to other brands or interests you selected.



- **3.** To look at the enrichment data, click on **Data -> Entities** and then under **Enrichment** click any of the entities and then **Data** 
  - BrandAffinityFromMicrosoft
  - BrandShareOfVoiceFromMicrosoft
  - InterestAffinityFromMicrosoft
  - InterestShareOfVoiceFromMicrosoft



In the **Affinity** entities, you will see the Industry the brand/interest is listed in, the Affinity score for a customer profile, the Affinity level, and demographic information depending on which fields you mapped.

In the **ShareOfVoice** entities, you will see the Industry the brand/interest is listed in, Share Of Voice score and demographic information depending on which fields you mapped.

From this view you can also download a CSV of the data to work with offline.

**4.** Go to the **Customer** page pick a customer (**Joseph Chestnut** is the example below). Go to the customer detail page to see the enrichment that pertains to 'people like' that customer. This is based on the fields you chose to map when you configured the Enrichment: **Date Of Birth, Gender and Location.** 

