1. Product Catalog Microservice: [Node]
   1. Product Table:
      1. ID (Primary Key): unique identifier for each product
      2. Name: product name
      3. Description: product description
      4. Price: product price
      5. Image URL: URL of the product image
      6. Category ID (Foreign Key): unique identifier for the category the product belongs to
      7. Category Table:
      8. ID (Primary Key): unique identifier for each category
      9. Name: category name
      10. Description: category description
2. Order Management Microservice: [Python]
   1. Order Table:
      1. ID (Primary Key): unique identifier for each order
      2. Customer ID (Foreign Key): unique identifier for the customer who placed the order
      3. Order Items: a list of items in the order, including the product ID, quantity, and price
      4. Order Total: total cost of the order
      5. Order Date: date and time the order was placed
      6. Order Status: status of the order (e.g. "pending", "shipped", "cancelled")
   2. Customer Table:
      1. ID (Primary Key): unique identifier for each customer
      2. Name: customer name
      3. Email: customer email
      4. Address: customer shipping address
      5. Phone: customer phone number
3. Payment Microservice:
   1. Payment Table:
      1. ID (Primary Key): unique identifier for each payment
      2. Order ID (Foreign Key): unique identifier for the order the payment is associated with
      3. Payment Method: the payment method used (e.g. "credit card", "Paypal")
      4. Payment Status: the status of the payment (e.g. "pending", "success", "failed")
      5. Payment Amount: the amount paid
      6. Payment Date: the date and time the payment was made
4. Inventory Management Microservice:
   1. Inventory Table:
      1. Product ID (Foreign Key): unique identifier for each product
      2. Stock Level: the current stock level for each product
      3. Location: the location where the product is stored
5. Customer Management Microservice:
   1. Customer Table:
      1. ID (Primary Key): unique identifier for each customer
      2. Name: customer name
      3. Email: customer email
      4. Address: customer shipping address
      5. Phone: customer phone number
      6. Order History: a list of all orders placed by the customer, including the order ID and order date
6. Shipping Microservice:
   1. Shipping Table:
      1. Order ID (Foreign Key): unique identifier for each order
      2. Shipping Address: the shipping address for the order
      3. Shipping Label: the shipping label for the order
      4. Shipping Cost: the cost of shipping for the order
      5. Shipping Status: the status of the shipping (e.g. "pending", "shipped")
7. Recommendation Microservice:
   1. Recommendation Table:
      1. Customer ID (Foreign Key): unique identifier for each customer
      2. Product ID (Foreign Key): unique identifier for each product
      3. Recommendation Score: a score indicating the likelihood that the customer will be interested in the product