

Evaluation

Recibimos un nuevo set de datos en formato erroneo, es decir, no puede ser utilizado nuestro algoritmo para carcular la lista de ingredientes a comprar. Añadiremos un formateo de los datos para tarnsformarlos a un formato valido.

FORMATO VALIDO:

order\_details\_id: entero en formato str. El dataset puede estar ordenado en funcion de este pero no es necesario  
order\_id: entero en formato str.

pizza\_id: str en minúscolas y usando snake\_case. No se admiten carancteres especiales (aparte de \_) ni tildes.

date: en formato DD/MM/YY. Si no se incluye informacion en este campo, se descartara la orden.

time: en formato HH:MM:SS. Este campo realmente no es necesario para el algoritmo.

Weekly stock by month

JANUARY

Barbecued Chicken: 9, Red Peppers: 58, Green Peppers: 19, Tomatoes: 86, Red Onions: 70, Barbecue Sauce: 9,Chicken: 31, Artichoke: 8, Spinach: 17, Garlic: 103, Jalapeno Peppers: 20, Fontina Cheese: 11, Gouda Cheese: 8, Mushrooms: 26, Asiago Cheese: 12, Alfredo Sauce: 3, Pesto Sauce: 11, Corn: 12, Cilantro: 12, Chipotle Sauce: 12, Pineapple: 16, Thai Sweet Chilli Sauce: 9,Bacon: 3, Pepperoni: 21, Italian Sausage: 3, Chorizo Sausage: 3,Pepperoni: 12, Bacon: 7,Sliced Ham: 7, Mozzarella Cheese: 24,Capocollo: 11, Goat Cheese: 11, Oregano: 4,Tomatoes: 11, Anchovies: 5, Green Olives: 22,Mozzarella Cheese: 17,Kalamata Olives: 6, Feta Cheese: 16, Beef Chuck Roast: 6,Brie Carre Cheese: 1, Prosciutto: 1, Caramelized Onions: 1, Pears: 1, Thyme: 1,Nduja Salami: 3, Pancetta: 3, Friggitelto Peppers: 3,Calabrese Salami: 7, Capocollo: 13,Genoa Salami: 6,Prosciutto di San Daniele: 5, Arugula: 5,Coarse Sicilian Salami: 7, Luganega Sausage: 7, Onions: 7,Soppressata Salami: 3, Artichokes: 19, Peperoncini verdi: 7,Spinach: 16, Kalamata Olives: 5, Provolone Cheese: 8, Smoked Gouda Cheese: 8, Romano Cheese: 8, Blue Cheese: 8,Ricotta Cheese: 9, Gorgonzola Piccante Cheese: 9, Parmigiano Reggiano Cheese: 9,Eggplant: 4, Zucchini: 9, Sun-dried Tomatoes: 6, Plum Tomatoes: 2,Mushrooms: 5

FEBRUARY

Barbecued Chicken: 9, Red Peppers: 63, Green Peppers: 21, Tomatoes: 93, Red Onions: 74, Barbecue Sauce: 9,Chicken: 33, Artichoke: 9, Spinach: 21, Garlic: 112, Jalapeno Peppers: 22, Fontina Cheese: 12, Gouda Cheese: 9, Mushrooms: 26, Asiago Cheese: 12, Alfredo Sauce: 4, Pesto Sauce: 12, Corn: 13, Cilantro: 13, Chipotle Sauce: 13, Pineapple: 16, Thai Sweet Chilli Sauce: 8,Bacon: 3, Pepperoni: 20, Italian Sausage: 3, Chorizo Sausage: 3,Pepperoni: 11, Bacon: 7,Sliced Ham: 8, Mozzarella Cheese: 27,Capocollo: 14, Goat Cheese: 14, Oregano: 6,Tomatoes: 11, Anchovies: 5, Green Olives: 21,Mozzarella Cheese: 16,Kalamata Olives: 7, Feta Cheese: 18, Beef Chuck Roast: 7,Brie Carre Cheese: 1, Prosciutto: 1, Caramelized Onions: 1, Pears: 1, Thyme: 1,Nduja Salami: 4, Pancetta: 4, Friggitelto Peppers: 4,Calabrese Salami: 7, Capocollo: 12,Genoa Salami: 5,Prosciutto di San Daniele: 5, Arugula: 5,Coarse Sicilian Salami: 6, Luganega Sausage: 6, Onions: 6,Soppressata Salami: 3, Artichokes: 21, Peperoncini verdi: 8,Spinach: 17, Kalamata Olives: 6, Provolone Cheese: 8, Smoked Gouda Cheese: 8, Romano Cheese: 8, Blue Cheese: 8,Ricotta Cheese: 10, Gorgonzola Piccante Cheese: 10, Parmigiano Reggiano Cheese: 10,Eggplant: 4, Zucchini: 10, Sun-dried Tomatoes: 6, Plum Tomatoes: 3,Mushrooms: 7

MARCH

Barbecued Chicken: 9, Red Peppers: 64, Green Peppers: 18, Tomatoes: 89, Red Onions: 72, Barbecue Sauce: 9,Chicken: 33, Artichoke: 8, Spinach: 15, Garlic: 104, Jalapeno Peppers: 23, Fontina Cheese: 11, Gouda Cheese: 8, Mushrooms: 28, Asiago Cheese: 13, Alfredo Sauce: 5, Pesto Sauce: 9, Corn: 15, Cilantro: 15, Chipotle Sauce: 15, Pineapple: 19, Thai Sweet Chilli Sauce: 10,Bacon: 3, Pepperoni: 18, Italian Sausage: 3, Chorizo Sausage: 3,Pepperoni: 12, Bacon: 8,Sliced Ham: 8, Mozzarella Cheese: 27,Capocollo: 14, Goat Cheese: 14, Oregano: 6,Tomatoes: 11, Anchovies: 4, Green Olives: 21,Mozzarella Cheese: 13,Kalamata Olives: 5, Feta Cheese: 16, Beef Chuck Roast: 5,Brie Carre Cheese: 1, Prosciutto: 1, Caramelized Onions: 1, Pears: 1, Thyme: 1,Nduja Salami: 3, Pancetta: 3, Friggitelto Peppers: 3,Calabrese Salami: 7, Capocollo: 13,Genoa Salami: 6,Prosciutto di San Daniele: 5, Arugula: 5,Coarse Sicilian Salami: 7, Luganega Sausage: 7, Onions: 7,Soppressata Salami: 4, Artichokes: 20, Peperoncini verdi: 8,Spinach: 17, Kalamata Olives: 6, Provolone Cheese: 7, Smoked Gouda Cheese: 7, Romano Cheese: 7, Blue Cheese: 7,Ricotta Cheese: 10, Gorgonzola Piccante Cheese: 10, Parmigiano Reggiano Cheese: 10,Eggplant: 4, Zucchini: 9, Sun-dried Tomatoes: 6, Plum Tomatoes: 3,Mushrooms: 5

APRIL

Barbecued Chicken: 11, Red Peppers: 67, Green Peppers: 22, Tomatoes: 99, Red Onions: 83, Barbecue Sauce: 11,Chicken: 34, Artichoke: 8, Spinach: 18, Garlic: 114, Jalapeno Peppers: 25, Fontina Cheese: 13, Gouda Cheese: 8, Mushrooms: 29, Asiago Cheese: 14, Alfredo Sauce: 3, Pesto Sauce: 9, Corn: 16, Cilantro: 16, Chipotle Sauce: 16, Pineapple: 18, Thai Sweet Chilli Sauce: 10,Bacon: 3, Pepperoni: 21, Italian Sausage: 3, Chorizo Sausage: 3,Pepperoni: 14, Bacon: 8,Sliced Ham: 9, Mozzarella Cheese: 26,Capocollo: 14, Goat Cheese: 14, Oregano: 6,Tomatoes: 13, Anchovies: 6, Green Olives: 22,Mozzarella Cheese: 15,Kalamata Olives: 10, Feta Cheese: 21, Beef Chuck Roast: 10,Brie Carre Cheese: 1, Prosciutto: 1, Caramelized Onions: 1, Pears: 1, Thyme: 1,Nduja Salami: 4, Pancetta: 4, Friggitelto Peppers: 4,Calabrese Salami: 8, Capocollo: 16,Genoa Salami: 8,Prosciutto di San Daniele: 4, Arugula: 4,Coarse Sicilian Salami: 6, Luganega Sausage: 6, Onions: 6,Soppressata Salami: 4, Artichokes: 19, Peperoncini verdi: 7,Spinach: 17, Kalamata Olives: 7, Provolone Cheese: 8, Smoked Gouda Cheese: 8, Romano Cheese: 8, Blue Cheese: 8,Ricotta Cheese: 9, Gorgonzola Piccante Cheese: 9, Parmigiano Reggiano Cheese: 9,Eggplant: 3, Zucchini: 8, Sun-dried Tomatoes: 5, Plum Tomatoes: 3,Mushrooms: 5

MAY

Barbecued Chicken: 10, Red Peppers: 60, Green Peppers: 19, Tomatoes: 93, Red Onions: 74, Barbecue Sauce: 10,Chicken: 32, Artichoke: 9, Spinach: 17, Garlic: 110, Jalapeno Peppers: 22, Fontina Cheese: 13, Gouda Cheese: 9, Mushrooms: 28, Asiago Cheese: 12, Alfredo Sauce: 3, Pesto Sauce: 10, Corn: 13,

Cilantro: 13, Chipotle Sauce: 13, Pineapple: 18, Thai Sweet Chilli Sauce: 9, Bacon: 3, Pepperoni: 21, Italian Sausage: 3, Chorizo Sausage: 3, Pepperoni: 12, Bacon: 8, Sliced Ham: 9, Mozzarella Cheese: 28, Capocollo: 16, Goat Cheese: 16, Oregano: 6, Tomatoes: 9, Anchovies: 4, Green Olives: 21, Mozzarella Cheese: 17, Kalamata Olives: 7, Feta Cheese: 19, Beef Chuck Roast: 7, Brie Carre Cheese: 1, Prosciutto: 1, Caramelized Onions: 1, Pears: 1, Thyme: 1, Nduja Salami: 3, Pancetta: 3, Friggittello Peppers: 3, Calabrese Salami: 8, Capocollo: 14, Genoa Salami: 5, Prosciutto di San Daniele: 6, Arugula: 6, Coarse Sicilian Salami: 6, Luganega Sausage: 6, Onions: 6, Soppressata Salami: 4, Artichokes: 23, Peperoncini verdi: 10, Spinach: 18, Kalamata Olives: 6, Provolone Cheese: 8, Smoked Gouda Cheese: 8, Romano Cheese: 8, Blue Cheese: 8, Ricotta Cheese: 9, Gorgonzola Piccante Cheese: 9, Parmigiano Reggiano Cheese: 9, Eggplant: 3, Zucchini: 8, Sun-dried Tomatoes: 7, Plum Tomatoes: 3, Mushrooms: 4

#### JUNE

Barbecued Chicken: 9, Red Peppers: 60, Green Peppers: 19, Tomatoes: 90, Red Onions: 71, Barbecue Sauce: 9, Chicken: 32, Artichoke: 9, Spinach: 18, Garlic: 107, Jalapeno Peppers: 22, Fontina Cheese: 14, Gouda Cheese: 9, Mushrooms: 27, Asiago Cheese: 12, Alfredo Sauce: 3, Pesto Sauce: 10, Corn: 13, Cilantro: 13, Chipotle Sauce: 13, Pineapple: 19, Thai Sweet Chilli Sauce: 10, Bacon: 3, Pepperoni: 18, Italian Sausage: 3, Chorizo Sausage: 3, Pepperoni: 12, Bacon: 7, Sliced Ham: 9, Mozzarella Cheese: 24, Capocollo: 14, Goat Cheese: 14, Oregano: 5, Tomatoes: 12, Anchovies: 5, Green Olives: 21, Mozzarella Cheese: 14, Kalamata Olives: 6, Feta Cheese: 17, Beef Chuck Roast: 6, Brie Carre Cheese: 1, Prosciutto: 1, Caramelized Onions: 1, Pears: 1, Thyme: 1, Nduja Salami: 4, Pancetta: 4, Friggittello Peppers: 4, Calabrese Salami: 7, Capocollo: 12, Genoa Salami: 5, Prosciutto di San Daniele: 5, Arugula: 5, Coarse Sicilian Salami: 6, Luganega Sausage: 6, Onions: 6, Soppressata Salami: 4, Artichokes: 21, Peperoncini verdi: 9, Spinach: 17, Kalamata Olives: 6, Provolone Cheese: 8, Smoked Gouda Cheese: 8, Romano Cheese: 8, Blue Cheese: 8, Ricotta Cheese: 6, Gorgonzola Piccante Cheese: 6, Parmigiano Reggiano Cheese: 6, Eggplant: 3, Zucchini: 8, Sun-dried Tomatoes: 6, Plum Tomatoes: 2, Mushrooms: 6

#### JULY

Barbecued Chicken: 9, Red Peppers: 63, Green Peppers: 18, Tomatoes: 92, Red Onions: 77, Barbecue Sauce: 9, Chicken: 34, Artichoke: 9, Spinach: 17, Garlic: 110, Jalapeno Peppers: 24, Fontina Cheese: 13, Gouda Cheese: 9, Mushrooms: 29, Asiago Cheese: 13, Alfredo Sauce: 3, Pesto Sauce: 8, Corn: 16, Cilantro: 16, Chipotle Sauce: 16, Pineapple: 18, Thai Sweet Chilli Sauce: 10, Bacon: 4, Pepperoni: 22, Italian Sausage: 4, Chorizo Sausage: 4, Pepperoni: 12, Bacon: 8, Sliced Ham: 8, Mozzarella Cheese: 26, Capocollo: 16, Goat Cheese: 16, Oregano: 6, Tomatoes: 13, Anchovies: 5, Green Olives: 21, Mozzarella Cheese: 17, Kalamata Olives: 7, Feta Cheese: 20, Beef Chuck Roast: 7, Brie Carre Cheese: 1, Prosciutto: 1, Caramelized Onions: 1, Pears: 1, Thyme: 1, Nduja Salami: 3, Pancetta: 3, Friggittello Peppers: 3, Calabrese Salami: 7, Capocollo: 12, Genoa Salami: 5, Prosciutto di San Daniele: 5, Arugula: 5, Coarse Sicilian Salami: 6, Luganega Sausage: 6, Onions: 6, Soppressata Salami: 5, Artichokes: 23, Peperoncini verdi: 10, Spinach: 19, Kalamata Olives: 8, Provolone Cheese: 8, Smoked Gouda Cheese: 8, Romano Cheese: 8, Blue Cheese: 8, Ricotta Cheese: 8, Gorgonzola Piccante Cheese: 8, Parmigiano Reggiano Cheese: 8, Eggplant: 3, Zucchini: 8, Sun-dried Tomatoes: 7, Plum Tomatoes: 5, Mushrooms: 5

#### AUGUST

Barbecued Chicken: 9, Red Peppers: 60, Green Peppers: 19, Tomatoes: 90, Red Onions: 75, Barbecue Sauce: 9, Chicken: 35, Artichoke: 11, Spinach: 20, Garlic: 110, Jalapeno Peppers: 24, Fontina Cheese: 14, Gouda Cheese: 11, Mushrooms: 28, Asiago Cheese: 12, Alfredo Sauce: 4, Pesto Sauce: 10, Corn: 13, Cilantro: 13, Chipotle Sauce: 13, Pineapple: 16, Thai Sweet Chilli Sauce: 9, Bacon: 3, Pepperoni: 20, Italian Sausage: 3, Chorizo Sausage: 3, Pepperoni: 13, Bacon: 8, Sliced Ham: 8, Mozzarella Cheese: 24, Capocollo: 14, Goat Cheese: 14, Oregano: 6, Tomatoes: 11, Anchovies: 5, Green Olives: 23, Mozzarella Cheese: 15, Kalamata Olives: 6, Feta Cheese: 18, Beef Chuck Roast: 6, Brie Carre Cheese: 1, Prosciutto: 1, Caramelized Onions: 1, Pears: 1, Thyme: 1, Nduja Salami: 4, Pancetta: 4, Friggittello Peppers: 4, Calabrese Salami: 9, Capocollo: 14, Genoa Salami: 5, Prosciutto di San Daniele: 5, Arugula: 5, Coarse Sicilian Salami: 7, Luganega Sausage: 7, Onions: 7, Soppressata Salami: 3, Artichokes: 21, Peperoncini verdi: 8, Spinach: 19, Kalamata Olives: 6, Provolone Cheese: 7, Smoked Gouda Cheese: 7, Romano Cheese: 7, Blue Cheese: 7, Ricotta Cheese: 8, Gorgonzola Piccante Cheese: 8, Parmigiano Reggiano Cheese: 8, Eggplant: 2, Zucchini: 7, Sun-dried Tomatoes: 7, Plum Tomatoes: 3, Mushrooms: 5

#### SEPTEMBER

Barbecued Chicken: 8, Red Peppers: 58, Green Peppers: 17, Tomatoes: 82, Red Onions: 65, Barbecue Sauce: 8, Chicken: 32, Artichoke: 7, Spinach: 15, Garlic: 92, Jalapeno Peppers: 20, Fontina Cheese: 10, Gouda Cheese: 7, Mushrooms: 26, Asiago Cheese: 11, Alfredo Sauce: 3, Pesto Sauce: 10, Corn: 12, Cilantro: 12, Chipotle Sauce: 12, Pineapple: 17, Thai Sweet Chilli Sauce: 10, Bacon: 3, Pepperoni: 18, Italian Sausage: 3, Chorizo Sausage: 3, Pepperoni: 13, Bacon: 8, Sliced Ham: 8, Mozzarella Cheese: 23, Capocollo: 11, Goat Cheese: 11, Oregano: 5, Tomatoes: 8, Anchovies: 4, Green Olives: 19, Mozzarella Cheese: 15, Kalamata Olives: 6, Feta Cheese: 16, Beef Chuck Roast: 6, Brie Carre Cheese: 1, Prosciutto: 1, Caramelized Onions: 1, Pears: 1, Thyme: 1, Nduja Salami: 3, Pancetta: 3, Friggittello Peppers: 3, Calabrese Salami: 6, Capocollo: 10, Genoa Salami: 4, Prosciutto di San Daniele: 5, Arugula: 5, Coarse Sicilian Salami: 6, Luganega Sausage: 6, Onions: 6, Soppressata Salami: 3, Artichokes: 18, Peperoncini verdi: 6, Spinach: 16, Kalamata Olives: 6, Provolone Cheese: 7, Smoked Gouda Cheese: 7, Romano Cheese: 7, Blue Cheese: 7, Ricotta Cheese: 8, Gorgonzola Piccante Cheese: 8, Parmigiano Reggiano Cheese: 8, Eggplant: 3, Zucchini: 7, Sun-dried Tomatoes: 6, Plum Tomatoes: 3, Mushrooms: 4

#### OCTOBER

Barbecued Chicken: 7, Red Peppers: 57, Green Peppers: 16, Tomatoes: 87, Red Onions: 66, Barbecue Sauce: 7, Chicken: 30, Artichoke: 7, Spinach: 15, Garlic: 106, Jalapeno Peppers: 20, Fontina Cheese: 11, Gouda Cheese: 7, Mushrooms: 26, Asiago Cheese: 14, Alfredo Sauce: 3, Pesto Sauce: 9, Corn: 13, Cilantro: 13, Chipotle Sauce: 13, Pineapple: 17, Thai Sweet Chilli Sauce: 9, Bacon: 3, Pepperoni: 22, Italian Sausage: 3, Chorizo Sausage: 3, Pepperoni: 13, Bacon: 8, Sliced Ham: 8, Mozzarella Cheese: 28, Capocollo: 14, Goat Cheese: 14, Oregano: 6, Tomatoes: 11, Anchovies: 6, Green Olives: 22, Mozzarella Cheese: 16, Kalamata Olives: 6, Feta Cheese: 14, Beef Chuck Roast: 6, Brie Carre Cheese: 1, Prosciutto: 1, Caramelized Onions: 1, Pears: 1, Thyme: 1, Nduja Salami: 4, Pancetta: 4, Friggittello Peppers: 4, Calabrese Salami: 6, Capocollo: 13, Genoa Salami: 7, Prosciutto di San Daniele: 6, Arugula: 6, Coarse Sicilian Salami: 7, Luganega Sausage: 7, Onions: 7, Soppressata Salami: 4, Artichokes: 20, Peperoncini verdi: 8, Spinach: 14, Kalamata Olives: 6, Provolone Cheese: 7, Smoked Gouda Cheese: 7, Romano Cheese: 7, Blue Cheese: 7, Ricotta Cheese: 10, Gorgonzola Piccante Cheese: 10, Parmigiano Reggiano Cheese: 10, Eggplant: 4, Zucchini: 8, Sun-dried Tomatoes: 5, Plum Tomatoes: 2, Mushrooms: 4

#### NOVEMBER

Barbecued Chicken: 10, Red Peppers: 60, Green Peppers: 18, Tomatoes: 90, Red Onions: 78, Barbecue Sauce: 10, Chicken: 31, Artichoke: 8, Spinach: 16, Garlic: 106, Jalapeno Peppers: 24, Fontina Cheese: 11, Gouda Cheese: 8, Mushrooms: 25, Asiago Cheese: 13, Alfredo Sauce: 4, Pesto Sauce: 9, Corn: 15, Cilantro: 15, Chipotle Sauce: 15, Pineapple: 16, Thai Sweet Chilli Sauce: 8, Bacon: 3, Pepperoni: 20, Italian Sausage: 3, Chorizo Sausage: 3, Pepperoni: 11, Bacon: 8, Sliced Ham: 8, Mozzarella Cheese: 25, Capocollo: 12, Goat Cheese: 12, Oregano: 4, Tomatoes: 12, Anchovies: 5, Green Olives: 22, Mozzarella Cheese: 14, Kalamata Olives: 7, Feta Cheese: 18, Beef Chuck Roast: 7, Brie Carre Cheese: 1, Prosciutto: 1, Caramelized Onions: 1, Pears: 1, Thyme: 1, Nduja Salami: 4,

Pancetta: 4, Friggitelto Peppers: 4, Calabrese Salami: 8, Capocollo: 14, Genoa Salami: 6, Prosciutto di San Daniele: 5, Arugula: 5, Coarse Sicilian Salami: 8, Luganega Sausage: 8, Onions: 8, Soppressata Salami: 3, Artichokes: 21, Peperoncini verdi: 8, Spinach: 17, Kalamata Olives: 8, Provolone Cheese: 7, Smoked Gouda Cheese: 7, Romano Cheese: 7, Blue Cheese: 7, Ricotta Cheese: 8, Gorgonzola Piccante Cheese: 8, Parmigiano Reggiano Cheese: 8, Eggplant: 3, Zucchini: 7, Sun-dried Tomatoes: 8, Plum Tomatoes: 5, Mushrooms: 4

#### DECEMBER

Barbecued Chicken: 8, Red Peppers: 60, Green Peppers: 18, Tomatoes: 87, Red Onions: 71, Barbecue Sauce: 8, Chicken: 34, Artichoke: 9, Spinach: 18, Garlic: 101, Jalapeno Peppers: 23, Fontina Cheese: 12, Gouda Cheese: 9, Mushrooms: 24, Asiago Cheese: 10, Alfredo Sauce: 3, Pesto Sauce: 10, Corn: 14, Cilantro: 14, Chipotle Sauce: 14, Pineapple: 21, Thai Sweet Chilli Sauce: 11, Bacon: 3, Pepperoni: 19, Italian Sausage: 3, Chorizo Sausage: 3, Pepperoni: 11, Bacon: 7, Sliced Ham: 9, Mozzarella Cheese: 26, Capocollo: 12, Goat Cheese: 12, Oregano: 5, Tomatoes: 11, Anchovies: 5, Green Olives: 20, Mozzarella Cheese: 14, Kalamata Olives: 6, Feta Cheese: 18, Beef Chuck Roast: 6, Brie Carre Cheese: 1, Prosciutto: 1, Caramelized Onions: 1, Pears: 1, Thyme: 1, Nduja Salami: 4, Pancetta: 4, Friggitelto Peppers: 4, Calabrese Salami: 7, Capocollo: 12, Genoa Salami: 5, Prosciutto di San Daniele: 5, Arugula: 5, Coarse Sicilian Salami: 7, Luganega Sausage: 7, Onions: 7, Soppressata Salami: 3, Artichokes: 20, Peperoncini verdi: 7, Spinach: 17, Kalamata Olives: 6, Provolone Cheese: 5, Smoked Gouda Cheese: 5, Romano Cheese: 5, Blue Cheese: 5, Ricotta Cheese: 9, Gorgonzola Piccante Cheese: 9, Parmigiano Reggiano Cheese: 9, Eggplant: 3, Zucchini: 9, Sun-dried Tomatoes: 7, Plum Tomatoes: 4, Mushrooms: 6