



N-and Group Ltd.

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INTRODUCTION



The log data includes various events and fields, each providing specific information about user interactions, system status, and performance metrics.



This analysis aims to extract meaningful insights from the log data to understand user behaviour, system performance, and potential issues.



Pages

Splash Screen page

Category page

Caffe page

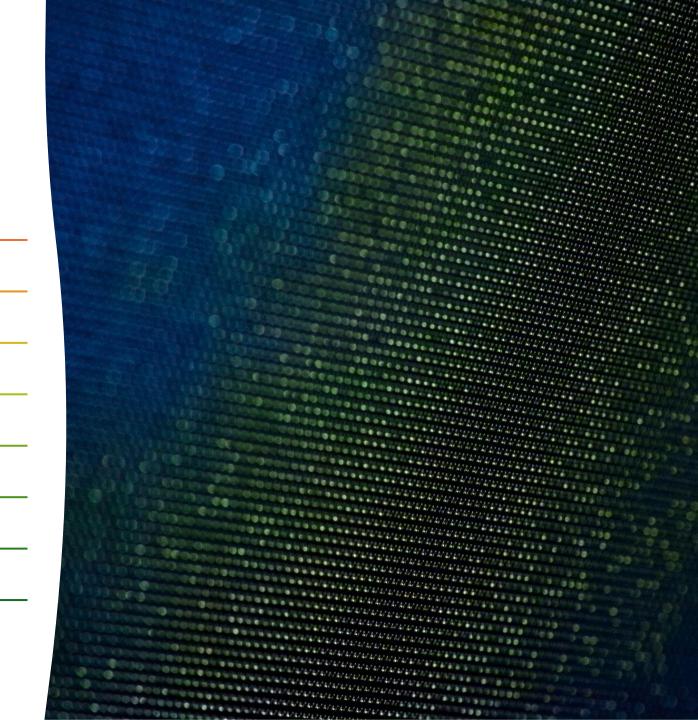
Modify page

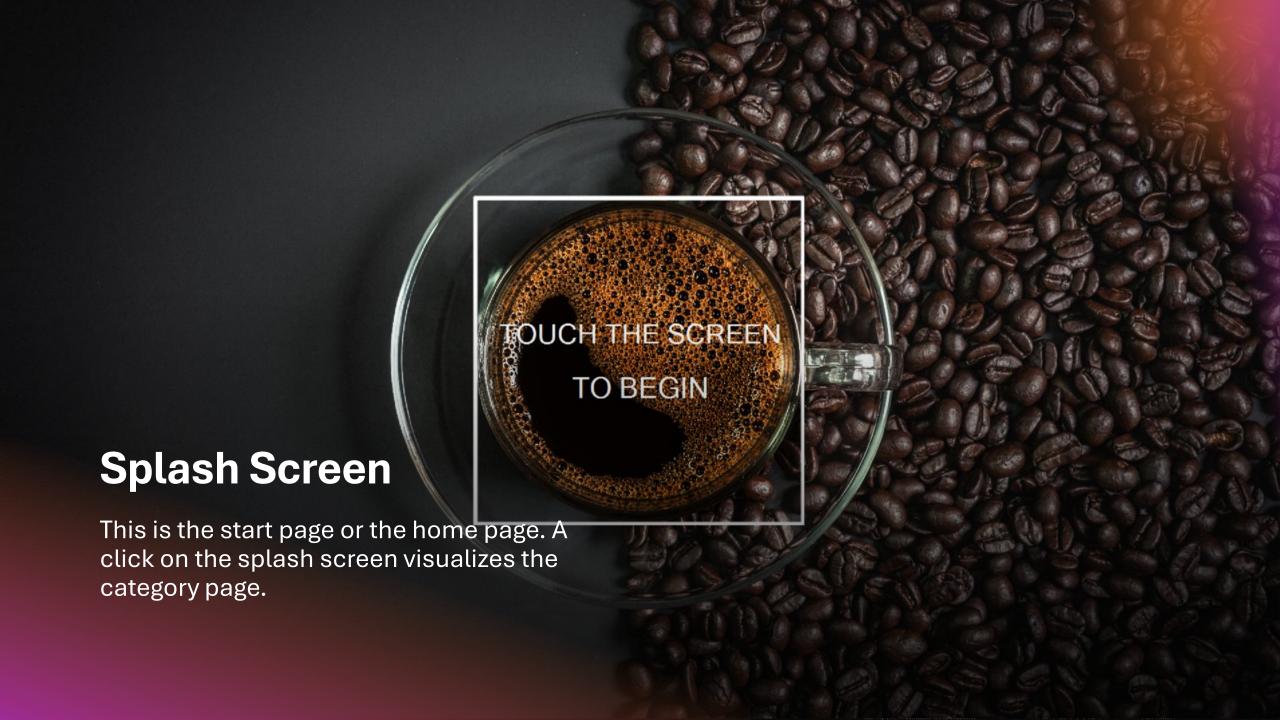
Insufficient credit page

Delivery page

Finalize page / Delivery Failed Page

Support page





Category Page

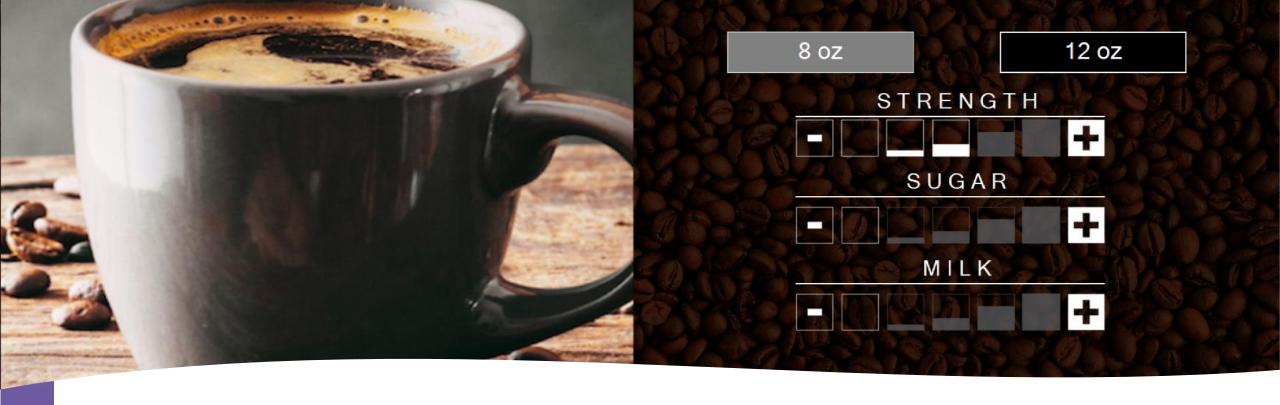
• This page shows the list of available categories. e.g coffee drinks, speciality drinks, espresso drinks, low calorie drinks. A user selects the category he/she is interested in.





Caffe Page

• This page shows the list of available coffee drinks after selecting the category. E.g Premium coffee freshly brewed, cappuccino, cafe mocha etc



Modify page

• This page is where you modify the product selected. For example. by adding sugar, milk or increasing the strength of the product (coffee)



Other pages

- Insufficient credit page appears when there is insufficient credit in the user wallet.
- Delivery page appears if delivery of the product is ongoing
- Finalize page appears if the delivery of the product is finalized and there is no problem
- Delivery failed page appears when the product delivery failed.



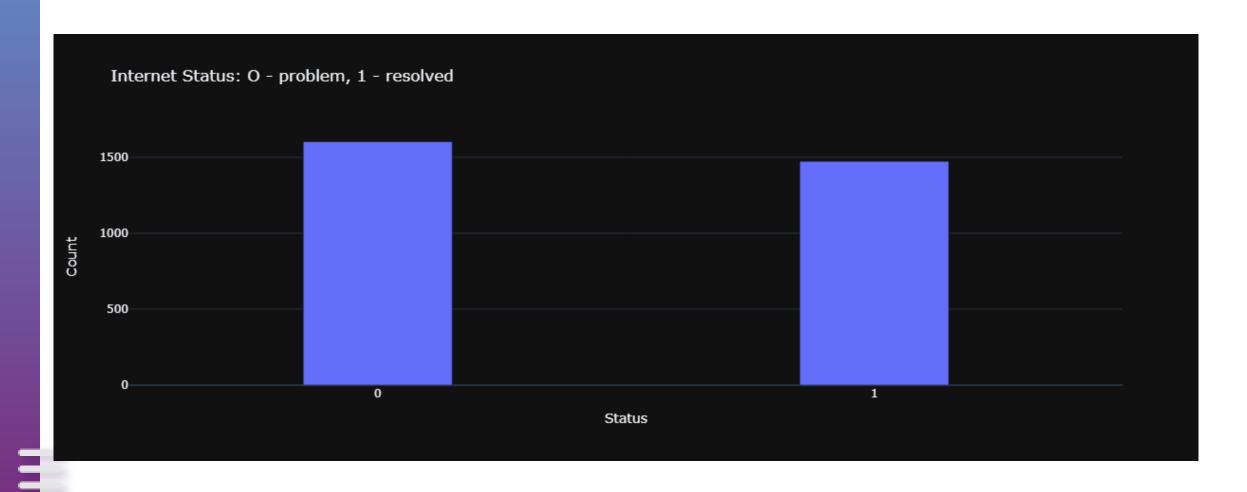
Machine Types

- _F: FlexManager software release
- _V: VMC and SubType
- _M: panel mac address
- _I: modem ICCCID
- _H: HotUI Software release
- _T: HotService software release

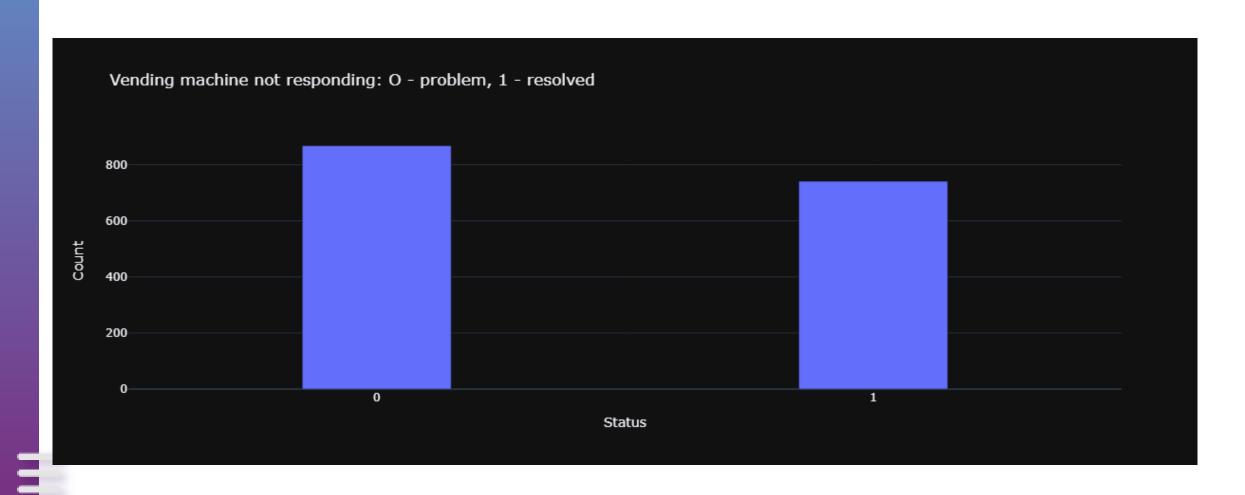
_F	0.1.9.1	0.2.7.0	0.3.8.0	All
_V				
630A	0	0	41	41
650A	0	0	26	26
670A	1	3	550	554
AP213A	0	0	44	44
All	1	3	661	665

MachinelD: 00E04C08047F as a Case Study

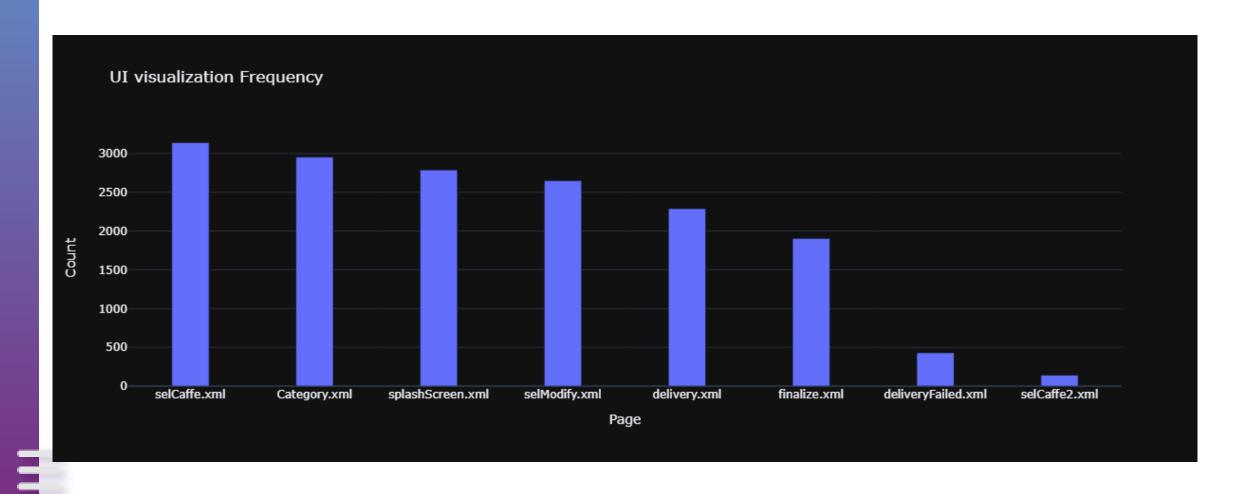
Internet Status



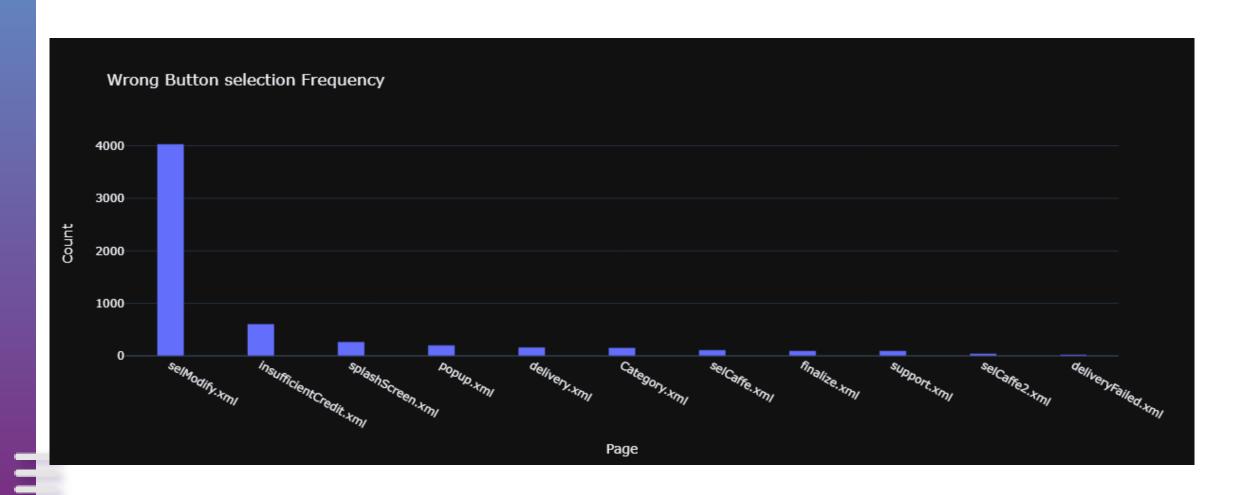
Vending Machine Not Responding



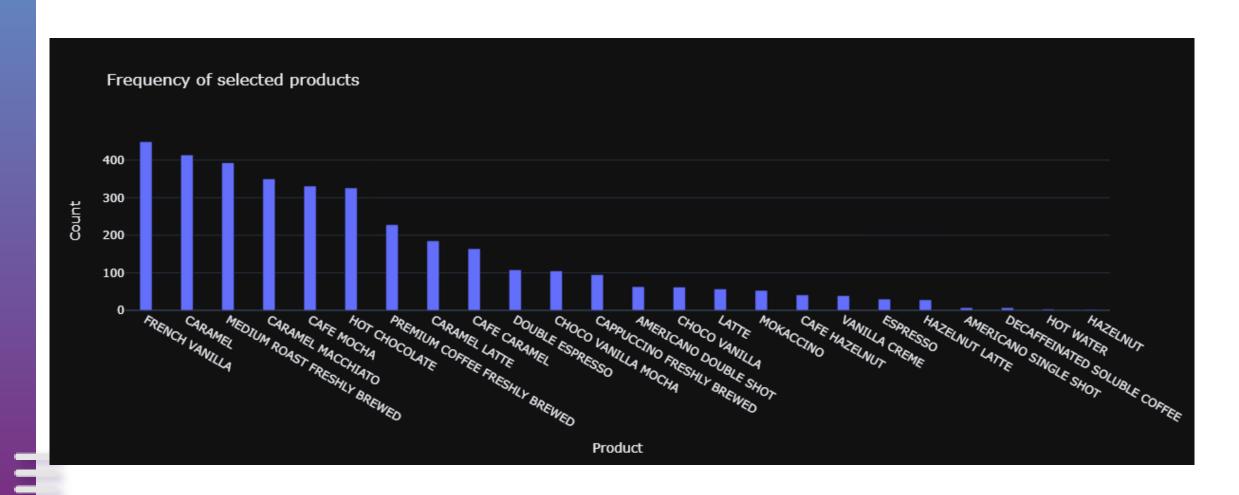
UI Pages visualization



Wrong Button selections



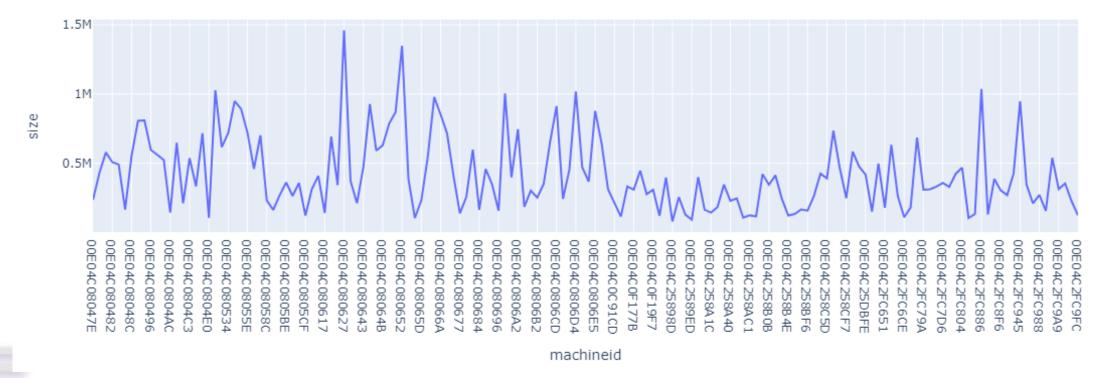
Selected Products Frequencies



Transaction Counts

150 Machine IDs

Transaction Counts

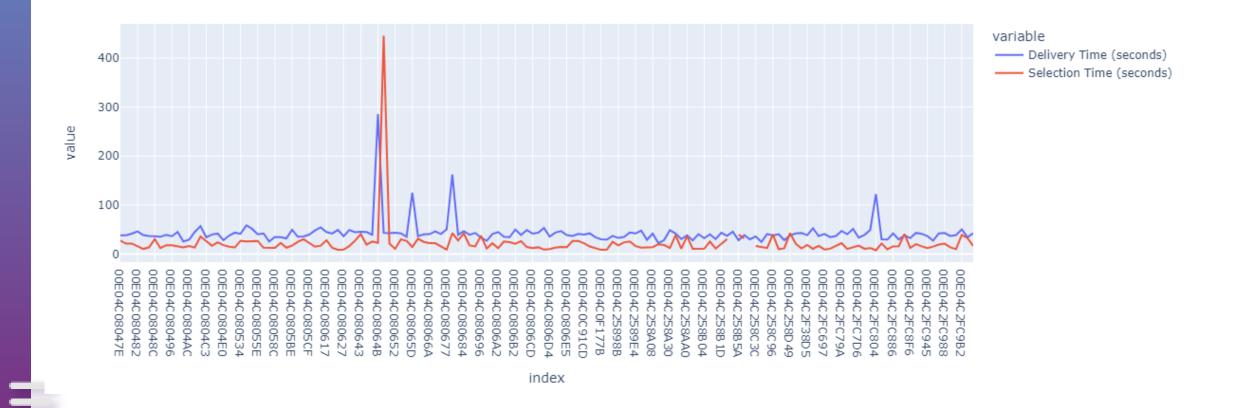






Mean Delivery Time vs Selection Time

150 Machine IDs

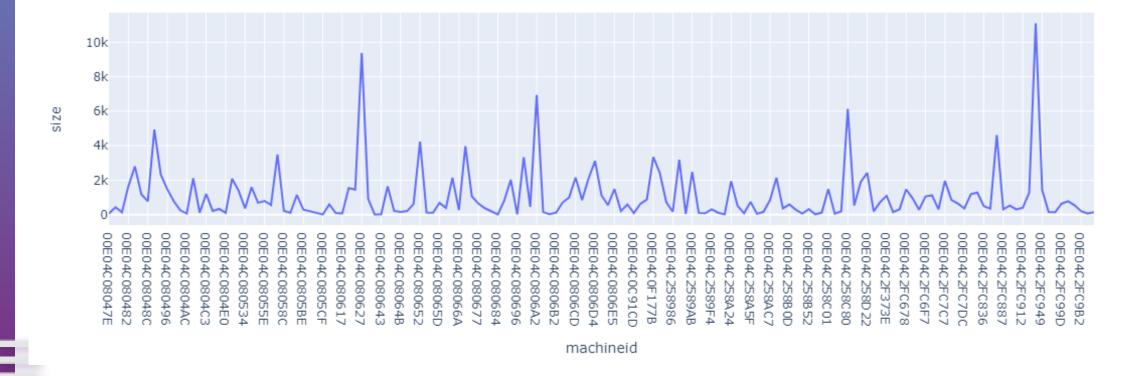




Product Delivery Failure

150 Machine IDs

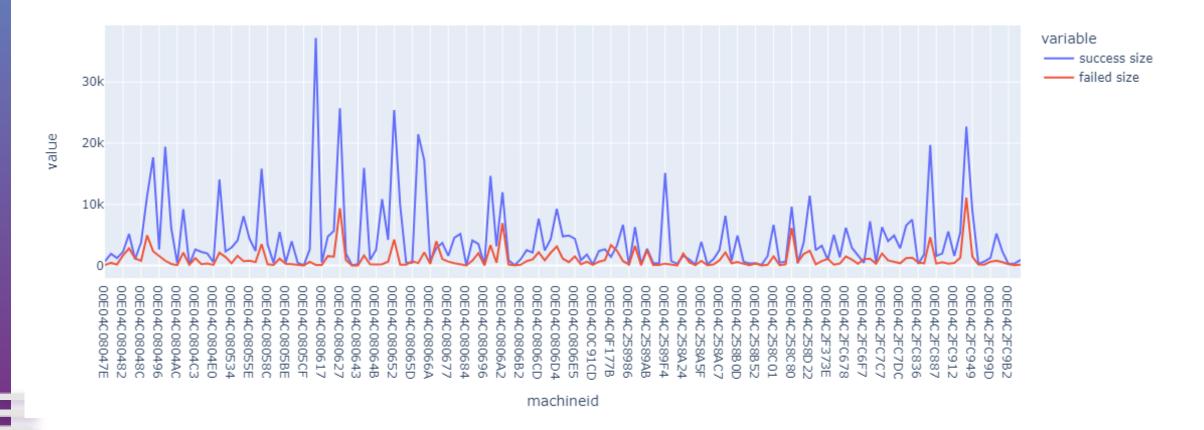
Product delivery failure





Successful Delivery Vs Product Delivery Failure

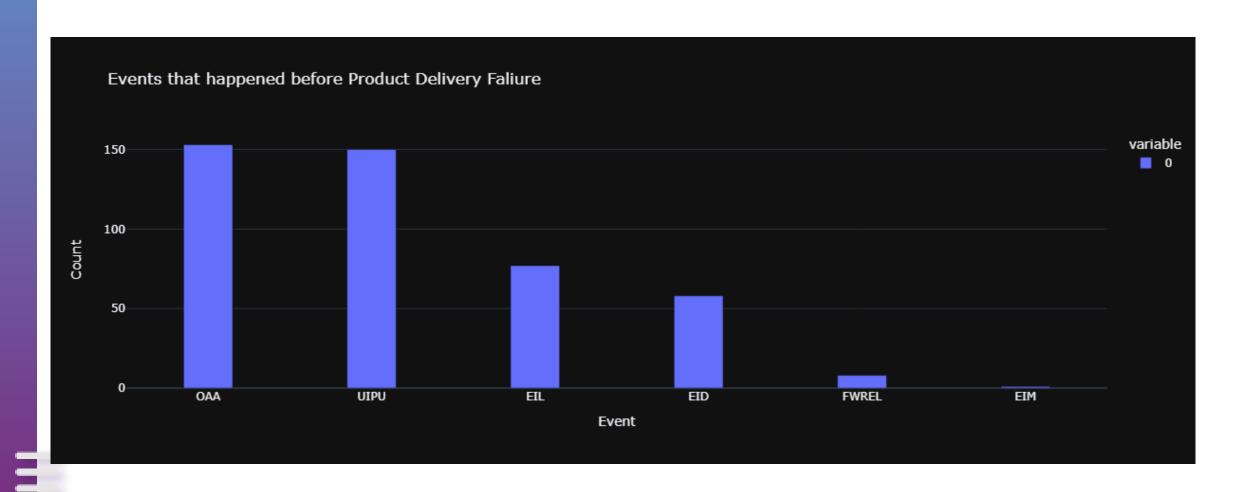
150 Machine IDs





Events Before Product Delivery Failure

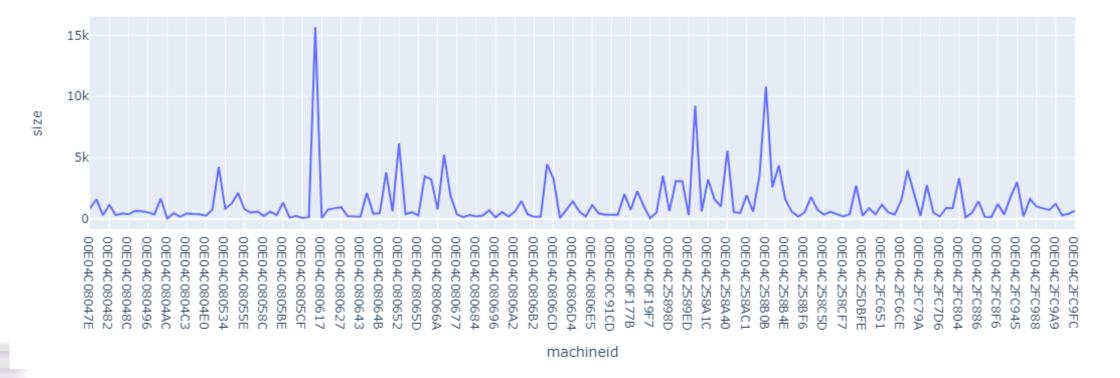
154 Machine IDs



Internet Status Issue

150 Machine IDs

Internet status issue



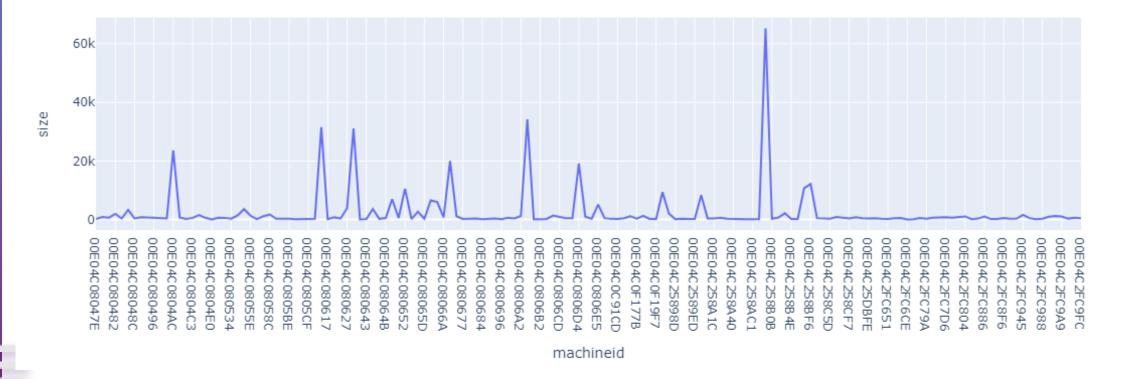




VMC Not Responding

150 Machine IDs

VMC Not Responding







Operating System Failure

150 Machine IDs

Operating System Failure







Mean Sugar Points for all Products 154 Machine IDs

Mean Sugar Points

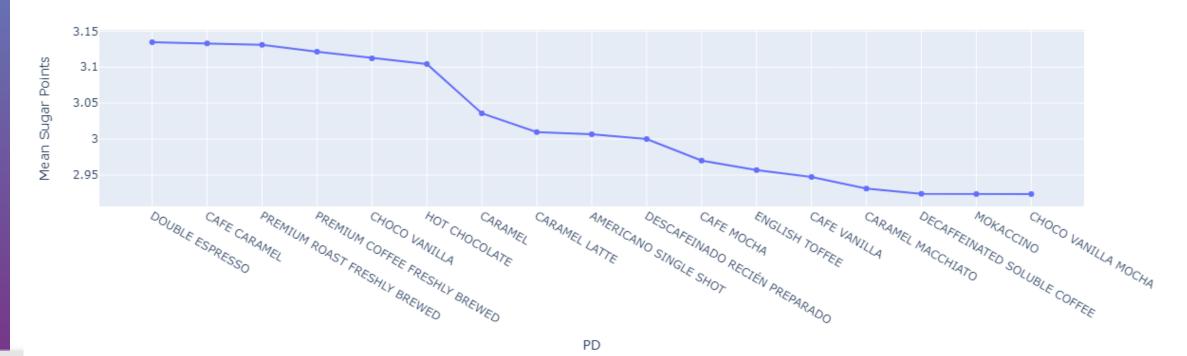




Mean Sugar Points for all Products

154 Machine IDs

Mean Sugar Points

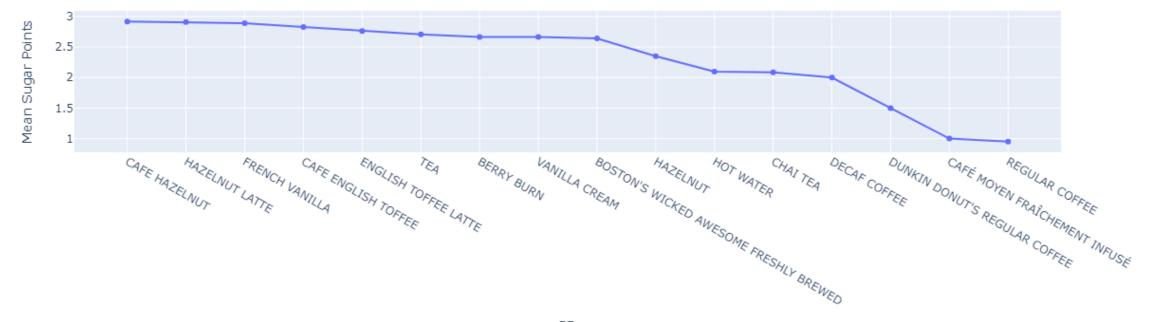




Mean Sugar Points for all Products

154 Machine IDs

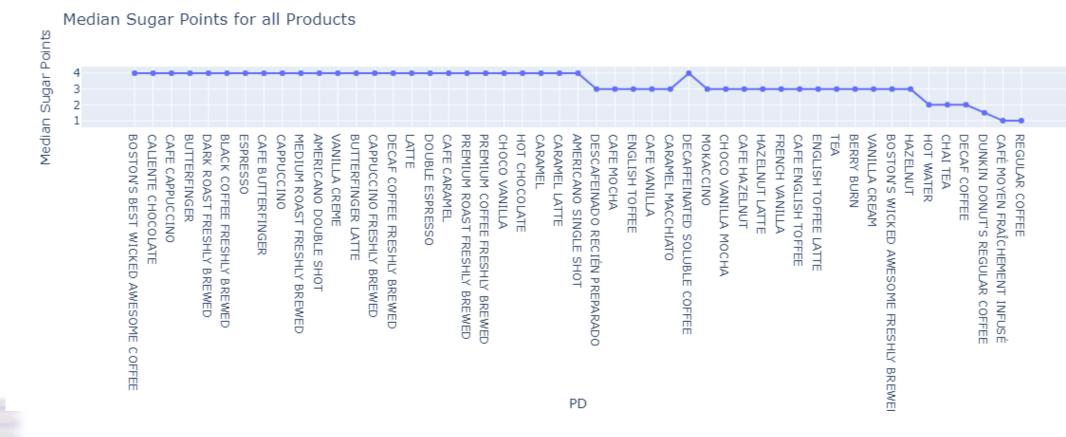
Mean Sugar Points





Median Sugar Points for all Products

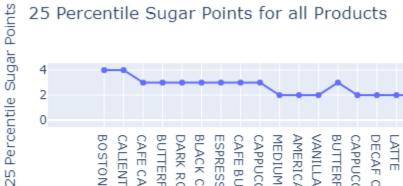
154 Machine IDs

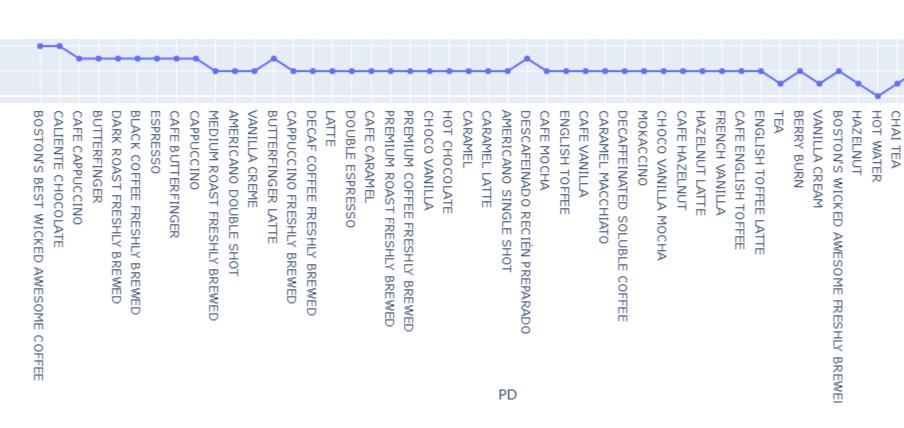




25th Percentile Sugar Points for all Products

154 Machine IDs







2

DECAF COFFEE

DUNKIN DONUT'S REGULAR COFFEE

CAFÉ MOYEN FRAÎCHEMENT INFUSÉ

REGULAR COFFEE

75th Percentile Sugar Points for all Products

154 Machine IDs



75 Percentile Sugar Points 3

CAPPUCCINO MEDIUM ROAST FRESHLY BREWED AMERICANO DOUBLE SHOT VANILLA CREME

BUTTERFINGER BLACK COFFEE FRESHLY BREWED ESPRESSO CAFE BUTTERFINGER BUTTERFINGER LATTE

CAPPUCCINO FRESHLY BREWED DECAF COFFEE FRESHLY BREWED Ħ

DOUBLE ESPRESSO CAFE CARAMEL PREMIUM ROAST FRESHLY BREWED PREMIUM COFFEE FRESHLY BREWED CHOCO VANILLA HOT CHOCOLATE CARAMEL

CALIENTE CHOCOLATE CAFE CAPPUCCINO DARK ROAST FRESHLY BREWED

BOSTON'S BEST WICKED AWESOME COFFEE

CARAMEL LATTE AMERICANO SINGLE SHOT DESCAFEINADO RECIÉN PREPARADO CAFE MOCHA ENGLISH TOFFEE DECAFFEINATED SOLUBLE COFFEE MOKACCINO CHOCO VANILLA MOCHA CAFE HAZELNUT HAZELNUT LATTE FRENCH VANILLA CAFE ENGLISH TOFFEE ENGLISH TOFFEE LATTE BERRY BURN VANILLA CREAM CAFE VANILLA CARAMEL MACCHIATO

BOSTON'S WICKED AWESOME FRESHLY BREWEI

HAZELNUT HOT WATER CHAI TEA DECAF COFFEE DUNKIN DONUT'S REGULAR COFFEE CAFÉ MOYEN FRAÎCHEMENT INFUSÉ REGULAR COFFEE

PD



