# IntelliReview Weekly Report

### Kpi\_Impact

```
week | neg_sent_rate | anger_rate | count | avg_rating | weekly_sales
2021-12-27 00:00:00 | 0.0 | 0.0 | 4 | 4.0 | 1015.1334166533202
2022-01-03 00:00:00 | 0.125 | 0.0 | 8 | 3.875 | 897.3318969830863
2022-01-10 00:00:00 | 0.14285714285714285 | 0.0 | 7 | 3.857142857142857 | 984.9870473497117
2022-01-17 00:00:00 | 0.2857142857142857 | 0.0 | 7 | 3.5714285714285716 | 955.5175032378852
2022-01-24 00:00:00 | 0.272727272727272727 | 0.0 | 11 | 3.272727272727273 | 805.8110397343639
2022-02-07 00:00:00 | 0.2 | 0.0 | 5 | 3.4 | 884.8772165250746
2022-02-14 00:00:00 | 0.090909090909090901 | 0.0 | 11 | 3.81818181818181818 | 947.4248525121159
2022-02-21 00:00:00 | 0.1111111111111111 | 0.0 | 9 | 4.1111111111111 | 937.8882281800487
2022-02-28 00:00:00 | 0.0 | 0.0 | 6 | 4.33333333333333 | 932.9715424128484
2022-03-07 00:00:00 | 0.25 | 0.0 | 8 | 3.375 | 922.0098615302522
2022-03-14 00:00:00 | 0.33333333333333333 | 0.0 | 6 | 2.833333333333335 | 893.6885150545716
2022-03-21 00:00:00 | 0.0 | 0.0 | 5 | 4.2 | 1021.6195857251811
2022-03-28 00:00:00 | 0.2 | 0.0 | 5 | 4.0 | 945.3252411657381
2022-04-04 00:00:00 | 0.333333333333333 | 0.0 | 9 | 3.0 | 887.5380346828103
```

# **Segments**

```
user_id | avg_rating | neg_rate | conf_var | verified_rate | segment
U100674 | 4.0 | 0.0 | 0.0 | 0.0 | 2
U101084 | 4.0 | 0.0 | 0.0 | 1.0 | 0
U101546 | 3.0 | 0.0 | 0.0 | 1.0 | 0
U102080 | 5.0 | 0.0 | 0.0 | 1.0 | 0
U103475 | 5.0 | 0.0 | 0.0 | 0.0 | 2
U103521 | 2.0 | 1.0 | 0.0 | 1.0 | 1
U103591 | 4.0 | 0.0 | 0.0 | 0.0 | 2
U103670 | 5.0 | 0.0 | 0.0 | 1.0 | 0
U103800 | 5.0 | 0.0 | 0.0 | 1.0 | 0
U103941 | 4.0 | 0.0 | 0.0 | 0.0 | 2
U104719 | 5.0 | 0.0 | 0.0 | 0.0 | 2
U104778 | 4.0 | 0.0 | 0.0 | 1.0 | 0
U104971 | 4.0 | 0.0 | 0.0 | 1.0 | 0
U105024 | 4.0 | 0.0 | 0.0 | 1.0 | 0
U105237 | 2.0 | 1.0 | 0.0 | 1.0 | 1
```

#### **Fake Reviewers**

```
user_id | review_count | avg_len | avg_rating | anomaly U103941 | 1 | 18.0 | 4.0 | -1 U107844 | 1 | 7.0 | 1.0 | -1 U136183 | 1 | 7.0 | 1.0 | -1 U148919 | 1 | 16.0 | 3.0 | -1 U154262 | 1 | 16.0 | 3.0 | -1 U163643 | 1 | 16.0 | 3.0 | -1
```

U164696 | 1 | 17.0 | 5.0 | -1
U165027 | 1 | 16.0 | 3.0 | -1
U173264 | 1 | 17.0 | 3.0 | -1
U176729 | 1 | 15.0 | 1.0 | -1
U192434 | 1 | 15.0 | 1.0 | -1
U201548 | 1 | 14.0 | 1.0 | -1
U203571 | 1 | 17.0 | 5.0 | -1
U211982 | 1 | 15.0 | 2.0 | -1

## **Alerts**

date | neg\_rate | count | spike

U212414 | 1 | 14.0 | 1.0 | -1

2022-01-01 | 0.0 | 1 | False

2022-01-02 | 0.0 | 3 | False

2022-01-03 | 0.0 | 1 | False

2022-01-05 | 0.0 | 1 | False

2022-01-06 | 0.0 | 1 | False

2022-01-07 | 0.0 | 2 | False

2022-01-08 | 0.0 | 1 | False

2022-01-09 | 0.5 | 2 | True

2022-01-11 | 0.333333333333333 | 3 | False

2022-01-12 | 0.0 | 1 | False

2022-01-13 | 0.0 | 2 | False

2022-01-16 | 0.0 | 1 | False

2022-01-17 | 0.5 | 2 | True

2022-01-18 | 0.0 | 1 | False

2022-01-19 | 1.0 | 1 | True