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 | 0.15 | 0.0 | 20 | 3.95 | 887.8518890362064
2022-01-10 00:00:00 | 0.125 | 0.0 | 16 | 3.625 | 992.3979227767853
2022-01-17 00:00:00 | 0.2857142857142857 | 0.0 | 21 | 3.5238095238095237 | 955.5175032378852
2022-01-31 00:00:00 | 0.21428571428571427 | 0.0 | 14 | 3.7857142857142856 | 867.6362841232598
2022-02-07 00:00:00 | 0.09090909090909091 | 0.0 | 11 | 3.81818181818181818 | 928.7925046774396
2022-02-14 00:00:00 | 0.066666666666666667 | 0.0 | 15 | 3.86666666666666667 | 956.9684924673433
2022-02-21 00:00:00 | 0.25 | 0.0 | 20 | 3.6 | 882.3793425064496
2022-02-28 00:00:00 | 0.0 | 0.0 | 13 | 4.0 | 932.9715424128484
2022-03-07 00:00:00 | 0.3076923076923077 | 0.0 | 13 | 3.5384615384615383 | 897.9182484823336
2022-03-14 00:00:00 | 0.2 | 0.0 | 15 | 3.666666666666666 | 949.0959602157153
2022-03-21 00:00:00 | 0.14285714285714285 | 0.0 | 14 | 3.9285714285714284 | 964.2880694464347
2022-03-28 00:00:00 | 0.125 | 0.0 | 16 | 3.875 | 977.0161029761902
2022-04-04 00:00:00 | 0.333333333333333333 | 0.0 | 18 | 3.055555555555554 | 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 U111403 | 1 | 7.0 | 1.0 | -1 U114518 | 1 | 7.0 | 2.0 | -1 U116919 | 1 | 14.0 | 1.0 | -1 U125283 | 1 | 17.0 | 5.0 | -1
```

U136183 | 1 | 7.0 | 1.0 | -1

U138805 | 1 | 14.0 | 1.0 | -1

U144003 | 1 | 7.0 | 2.0 | -1

U144640 | 1 | 7.0 | 2.0 | -1

U150725 | 1 | 17.0 | 5.0 | -1

U154094 | 1 | 17.0 | 5.0 | -1

U156889 | 1 | 7.0 | 2.0 | -1

U159841 | 1 | 17.0 | 5.0 | -1

U161615 | 1 | 7.0 | 2.0 | -1

Alerts

date | neg_rate | count | spike

2022-01-01 | 0.0 | 1 | False

2022-01-02 | 0.0 | 3 | False

2022-01-03 | 0.2 | 5 | True

2022-01-05 | 0.0 | 4 | False

2022-01-06 | 0.0 | 1 | False

2022-01-07 | 0.0 | 2 | False

2022-01-08 | 0.166666666666666 | 6 | True

2022-01-09 | 0.5 | 2 | True

2022-01-10 | 0.5 | 2 | False

2022-01-11 | 0.2 | 5 | False

2022-01-12 | 0.0 | 2 | False

2022-01-13 | 0.0 | 3 | False

2022-01-15 | 0.0 | 1 | False

2022-01-16 | 0.0 | 3 | False

2022-01-17 | 0.5 | 4 | True