

## Question 1

For itemset  $\{D,E,F\}$ , report the following statistics.

S1: [A, B, B, B, B, B, C, D, E, A, F, B, C]

S2: [F, D, D, D, E, E, A, F, D, A, B, Z, C]

S3: [A, D, F, A, D, E, C, B, F, F, B, A, A, E, A, A, C]

(1)

Length of minimum occurrence window in S1, S2 and S3. Just report the three numbers (no explanation required).

S1: D, E, A, F

Thus the length: 4

S2: E, A, F, D

Thus the length: 4

S3: F, A, D, E

Thus the length: 4

(2)

Number of outliers in outlier based minimum occurrence window in S1, S2 and S3. Just report the three numbers (no explanation required).

S1 outlier based minimum occurrence window: D, E, A, F(one of)

Thus, number of outliers: 1

S2 outlier based minimum occurrence window: F, D, D, D, E (one of)

Thus, number of outliers: 0

S3 outlier based minimum occurrence window: F, A, D, E (one of)

Thus, number of outliers: 1