

# Apriori Algorithm – US Accidents (2016 – 2023): Weather Related Accidents

Minimum Support 60%

$C_1$

Itemset
{Light Precipitation}
{No Wind Chill Danger}
{Light Breeze}
{Day Time}
{Moderate Visibility}

$C_2$

Itemset
{Light Precipitation, Light Breeze}
{Light Precipitation, Moderate Visibility}
{Light Precipitation, No Wind Chill Danger}
{Day Time, No Wind Chill Danger}
{Day Time, Moderate Visibility}
{Day Time, Light Precipitation}
{No Wind Chill Danger, Moderate Visibility}
{Light Breeze, Moderate Visibility}
{Light Breeze, No Wind Chill Danger}

Itemset
{Light Precipitation, No Wind Chill Danger, Light Breeze, Moderate Visibility}

$C_4$

Itemset
{Light Precipitation, No Wind Chill Danger, Moderate Visibility}
{No Wind Chill Danger, Light Breeze, Light Precipitation}
{Light Precipitation, Day Time, Moderate Visibility}
{Light Breeze, No Wind Chill Danger, Moderate Visibility}
{Light Precipitation, Light Breeze, Moderate Visibility}

$C_3$