

```
# Column Chart Plot
options(repr.plot.width = 9, repr.plot.height = 4)
df_grouped <- dfs% group_by(flight_phase, damage_level)s%</pre>
     summarize(count = n())
df_grouped$flight_phase <- factor(df_grouped$flight_phase,levels = c('Descent', 'Landing Roll', 'Take-off run', 'Climb', 'Approach'))
p \leftarrow ggplot(df\_grouped, aes(x = flight\_phase, y = count))+
      geom_col(aes(fill = damage_level), width = 0.7) +
      #geom_text(aes(y = count, label = count, group =damage_level), color = "white")+ # Fill column with count
      labs(y = "Total Bird Strikes",
                 x = " Flight Phase"
                 title = "Effect of Flight Phase on Bird Strike") +
     theme_bw()
        Effect of Flight Phase on Bird Strike
   4000 -
                                                                                                                         damage_level
 9 3000 ·
                                                                                                                            Medium
Bird
                                                                                                                            Minor
                                                                                                                             None
                                                                                                                           Substantial
   1000
                 Descent
                                    Landing Roll
                                                         Take-off run
                                                                                 Climb
                                                                                                     Approach
                                                        Flight Phase
```

