Viz

## Average RAtio Actual Premium - Processed Premium by working day and month

The chart below shows the percentage of premium processed in a given working day.

premium %>%   
 subset(WorkDayNoWE > 0) %>%   
 group\_by(Month, WorkDayNoWE) %>%   
 summarise(avg\_perc = mean(PercPremium)) %>%   
 ggplot(aes(x = Month, y = WorkDayNoWE, fill = avg\_perc)) +  
 geom\_tile(alpha = 0.8, color = "white") +   
 scale\_x\_continuous(name="Month",   
 breaks = c(1:12),  
 labels = factor(1:12)) +  
 scale\_y\_continuous(name="Working day of the month",   
 breaks = seq(1, 23, 1),  
 labels = factor(1:23),  
 minor\_breaks = seq(1, 23, 1)) +  
 scale\_fill\_gradientn(colours = c(palette\_light()[[1]], palette\_light()[[2]])) +  
 theme\_tq() +   
 theme(legend.position = "bottom") +  
 labs(title = "Average Ratio Actual Premium - Processed Premium by month and workday",  
 fill = "Average Ratio")

