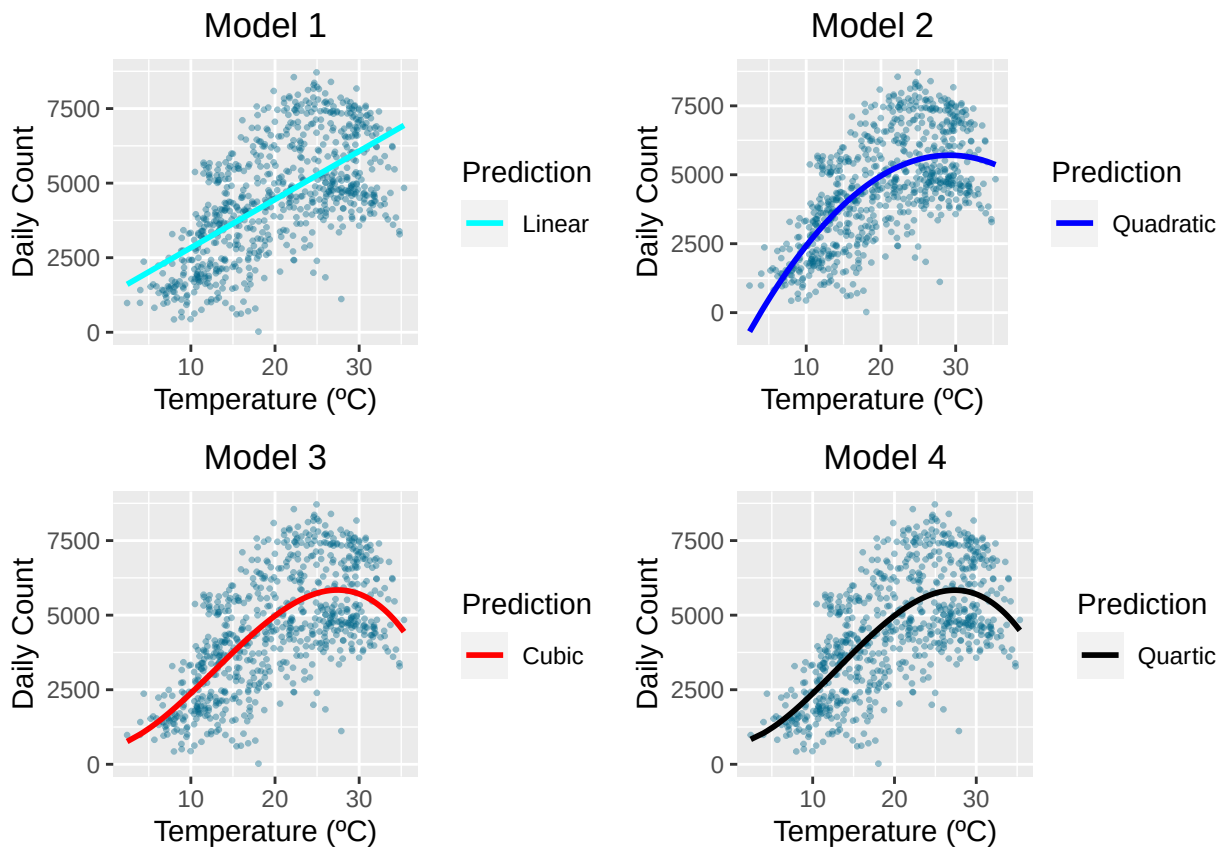
Plot example

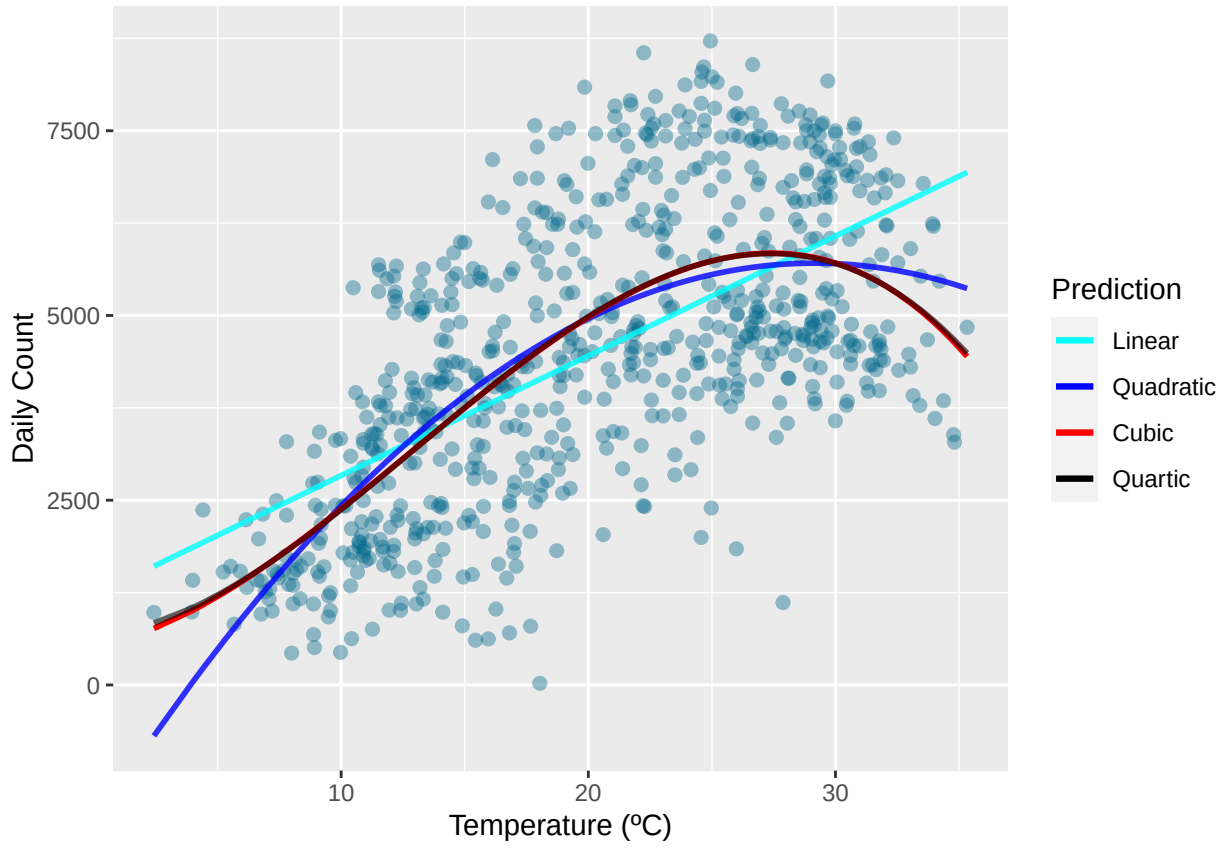
Group 2

```
# Note: the code below (Prepare Plots) is redundant since it is already sourced in "plot.R". However, i
#============================#
#       Prepare Plots        #
#============================#
# Ordered color vector indexed by model
col_vec <- c('Linear' = "cyan", 'Quadratic' = "blue", 'Cubic' = "red", 'Quartic' = 'black')
# Create a list (vector of anything, even vectors!) of all the fitted values indexed by model
# Note: this is used by the wrapper function to access the appopriate vector of fitted values.
# i.e. fitted_vals1 = LS_fitvals[[1]] (Note: double bracket notation is for accessing lists as opposed
LS_fitvals <- list(fitted_vals1, fitted_vals2, fitted_vals3, fitted_vals4)

#============================#
#        Obtain Plots        #
#============================#
# Obtain the four plots from each OLS model (uses plotting wrapper function found in plot.R)
plot1 <- OLS_temp_plot(data, 1)
plot2 <- OLS_temp_plot(data, 2)
plot3 <- OLS_temp_plot(data, 3)
plot4 <- OLS_temp_plot(data, 4)
# Put the four plots in a grid
plot_grid(plot1, plot2, plot3, plot4)
```




```
# Directly call upon plots defined in plots.R
all_model_plot
```


7500
5000
2500
0
Daily Count
10
20
30
Temperature (ºC)
Prediction
Linear
Quadratic
Cubic
Quartic