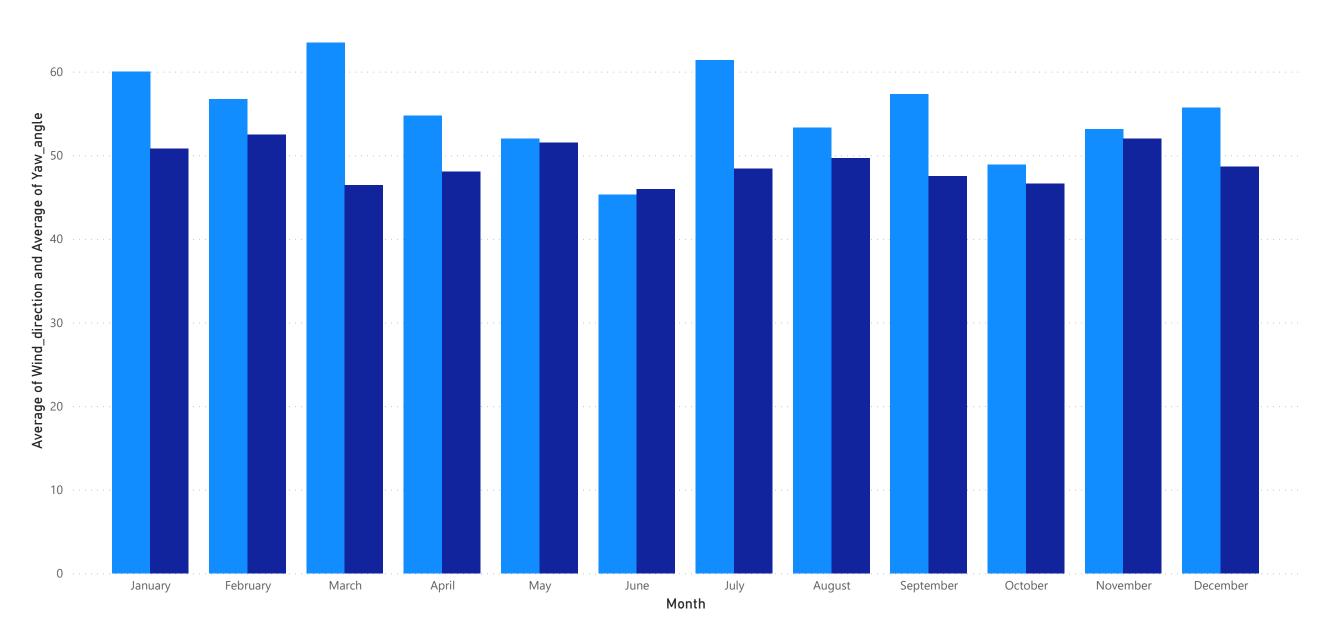
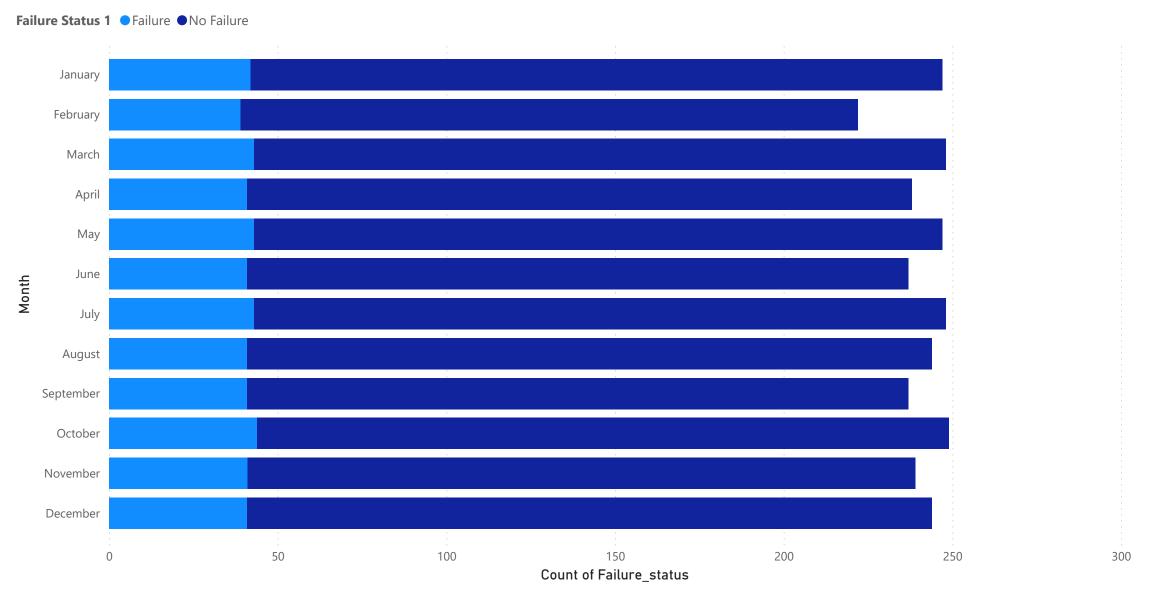
### Average of Wind\_direction and Average of Yaw\_angle by Month

● Average of Wind\_direction ● Average of Yaw\_angle

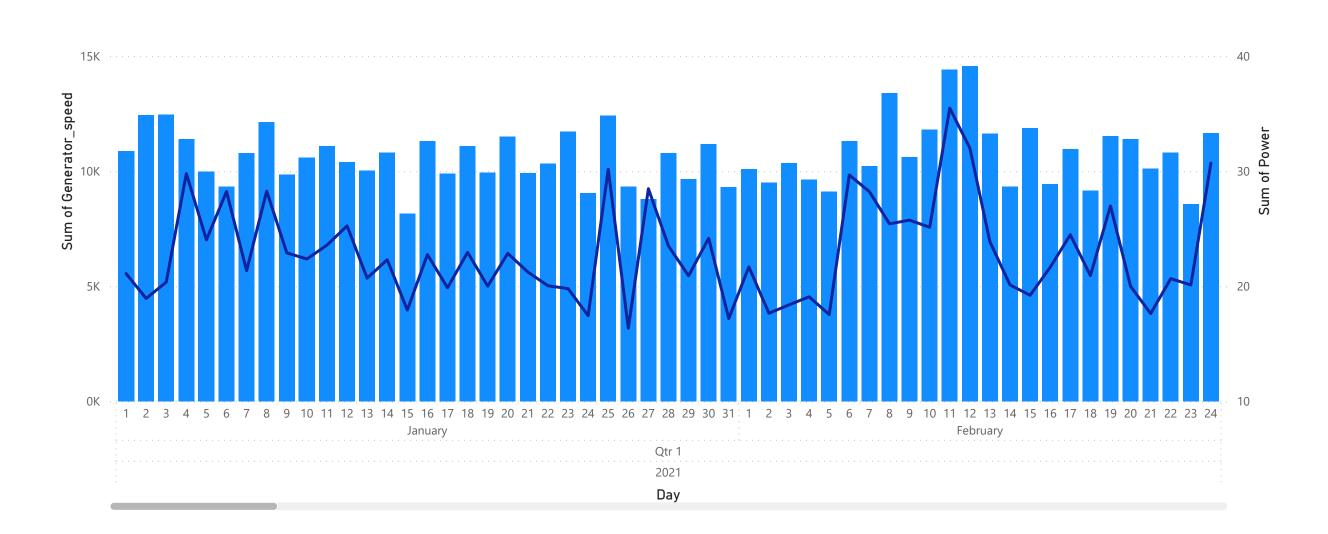
70



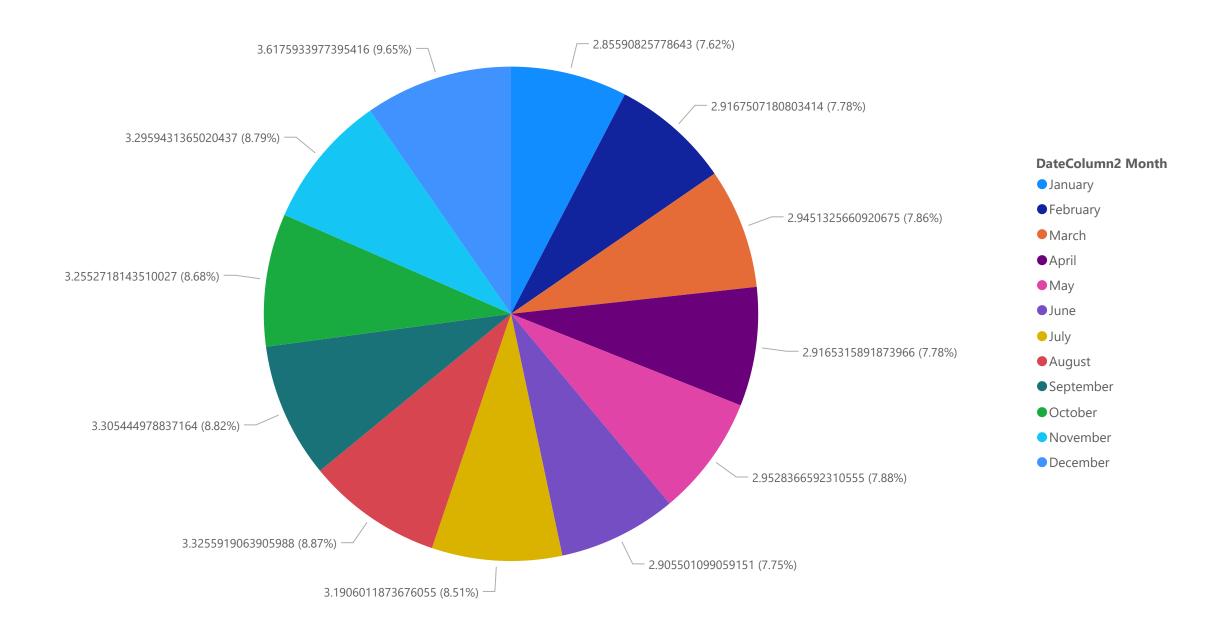
### Count of Failure\_status by Month and Failure Status 1



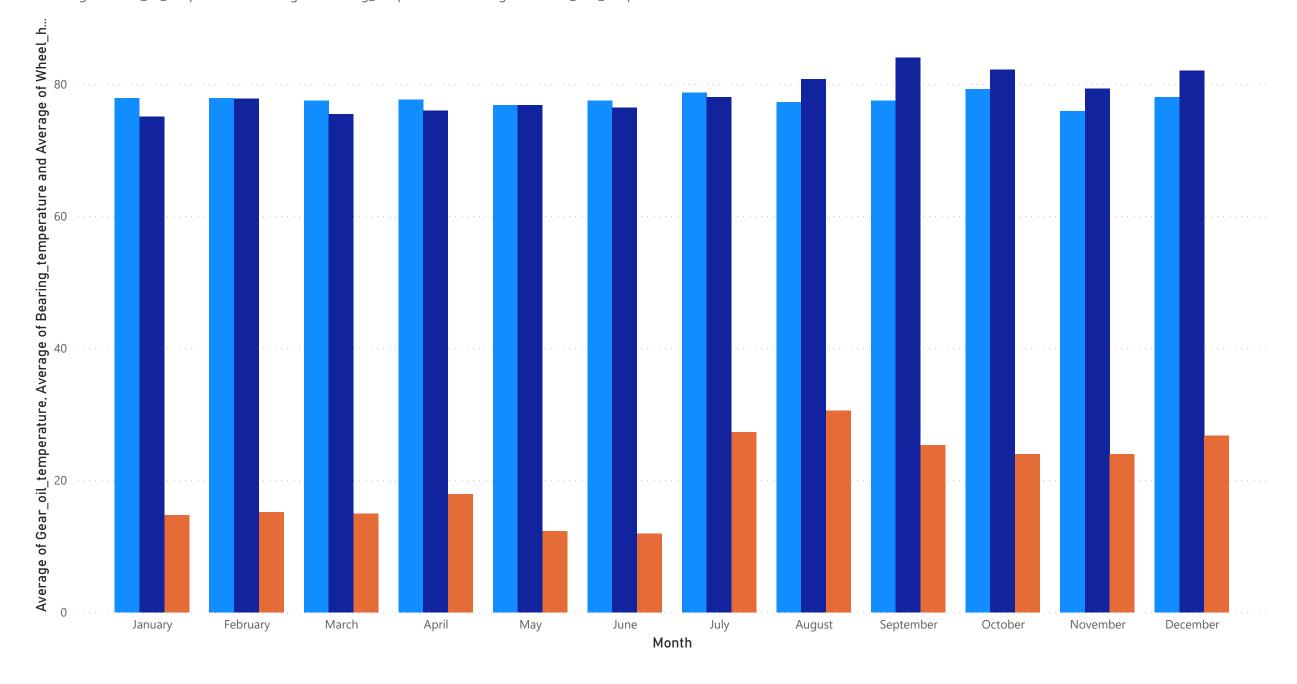
#### Sum of Generator\_speed and Sum of Power by Year, Quarter, Month and Day

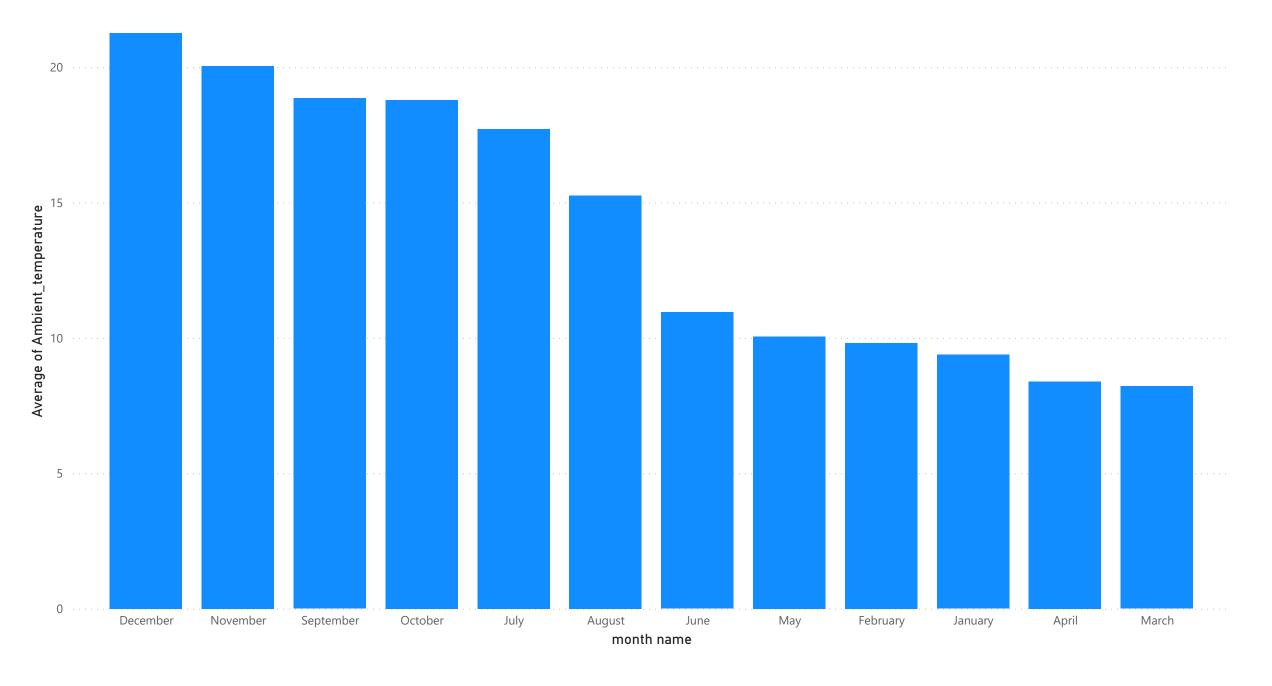


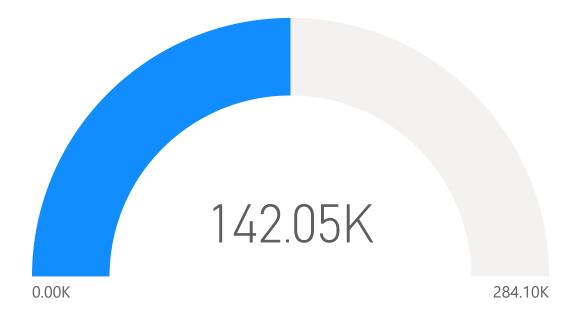
### Average of Power by Month



● Average of Gear\_oil\_temperature ● Average of Bearing\_temperature ● Average of Wheel\_hub\_temperature





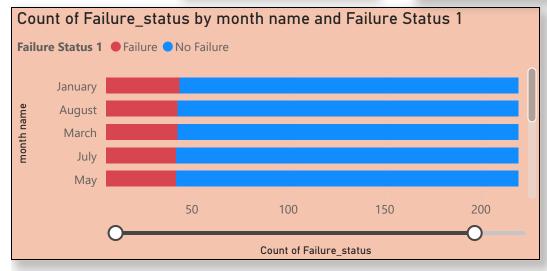


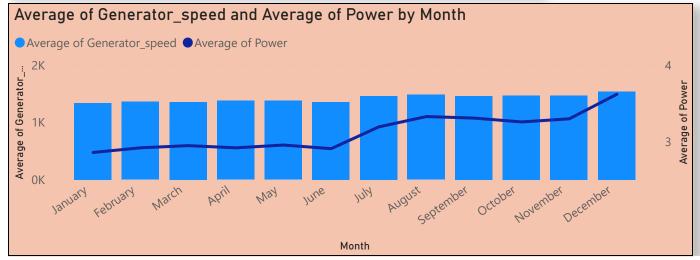
## **Wind Turbine Failure**

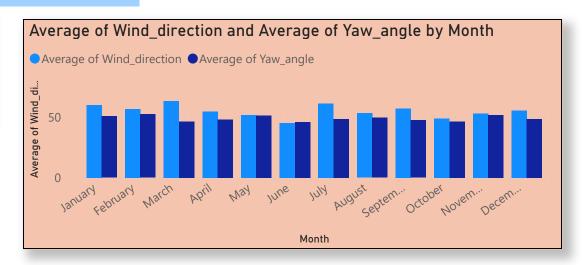
3.12
Average of Power

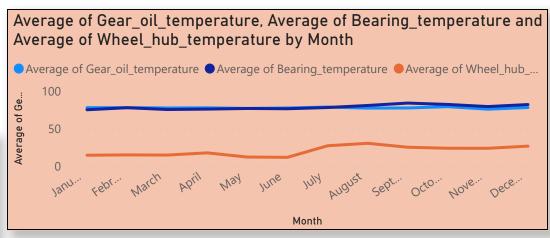
182.70

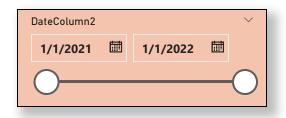
Average of Rotor\_Speed

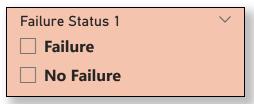




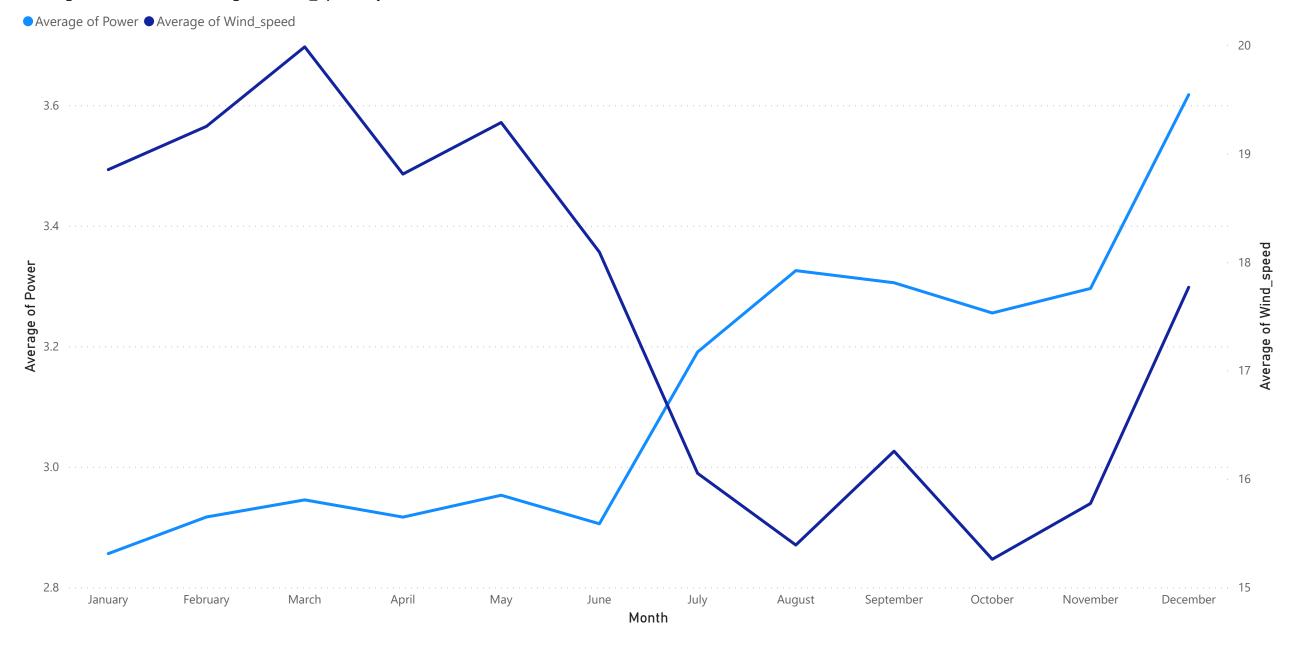








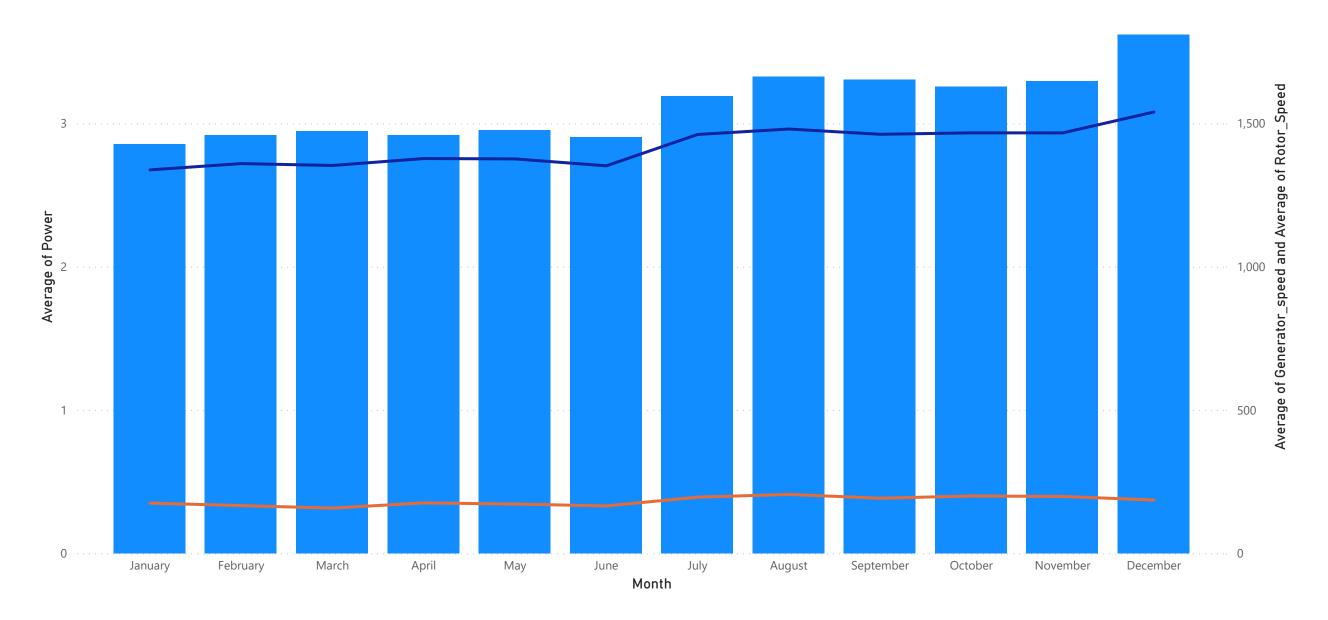
### Average of Power and Average of Wind\_speed by Month



### Average of Power, Average of Generator\_speed and Average of Rotor\_Speed by Month

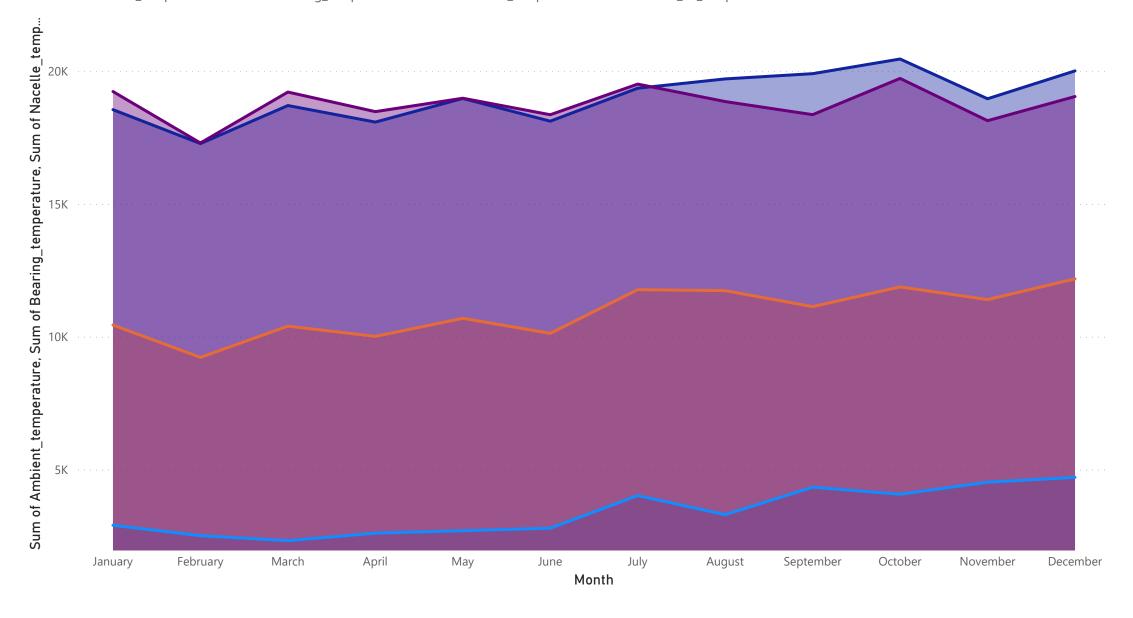




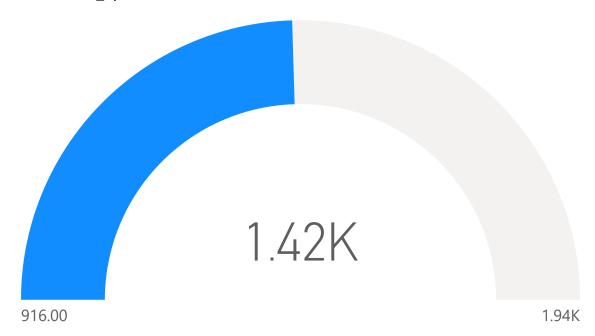


### Sum of Ambient\_temperature, Sum of Bearing\_temperature, Sum of Nacelle\_temperature and Sum of Gear\_oil\_temperature by Month

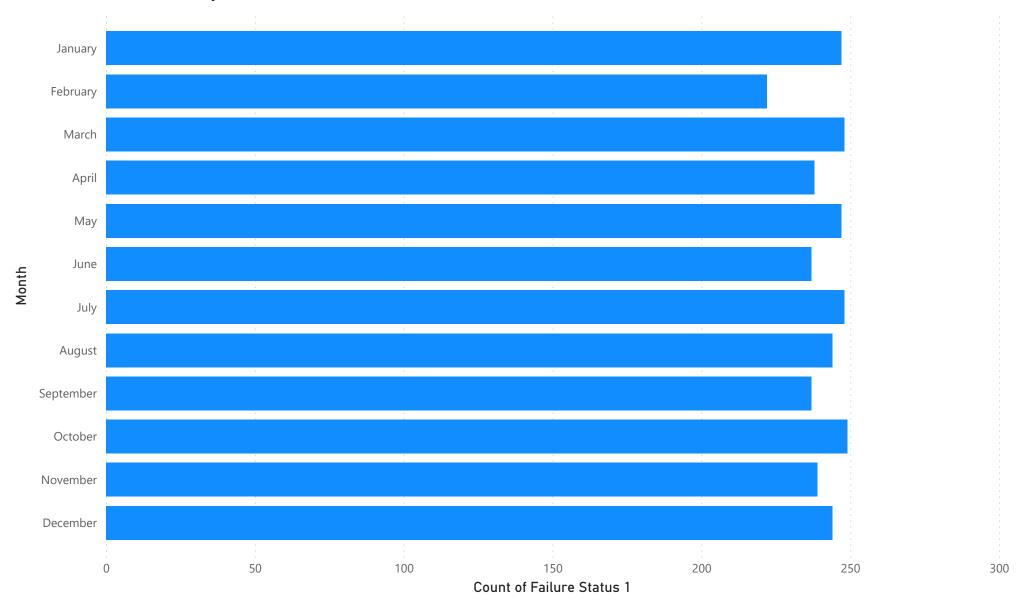
● Sum of Ambient\_temperature ● Sum of Bearing\_temperature ● Sum of Nacelle\_temperature ● Sum of Gear\_oil\_temperature



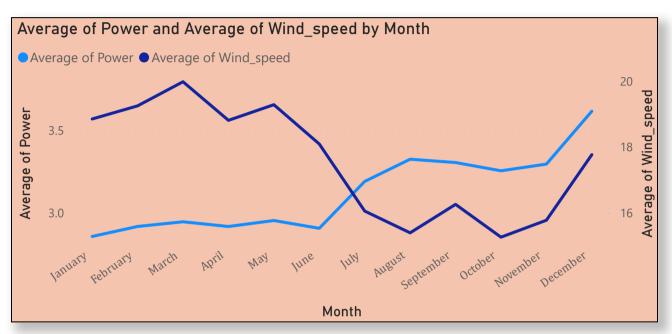
Average of Generator\_speed, Min of Generator\_speed and Max of Generator\_speed

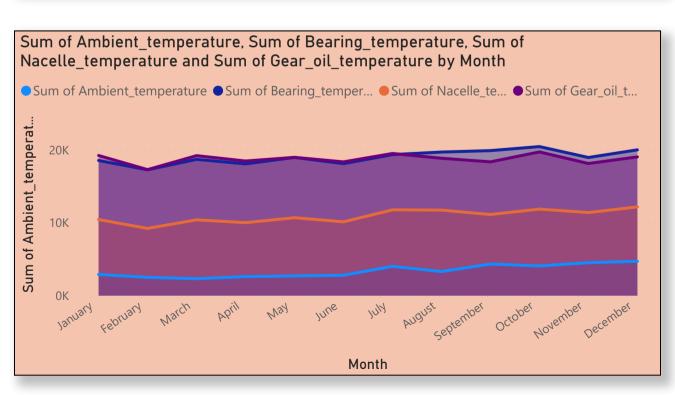


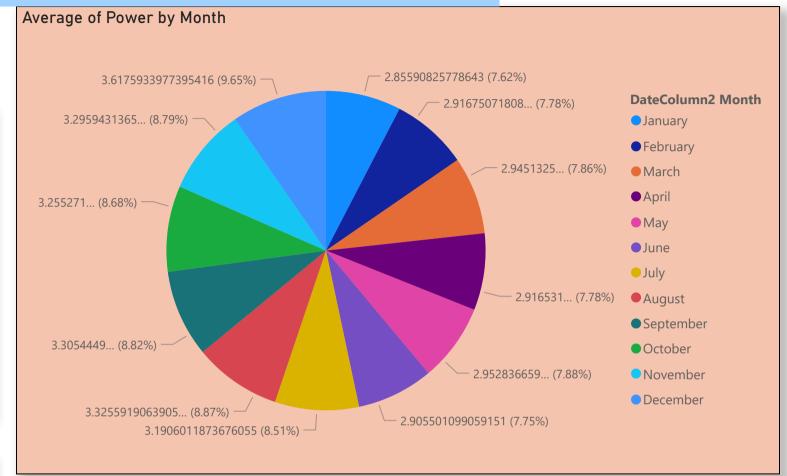
### Count of Failure Status 1 by Month

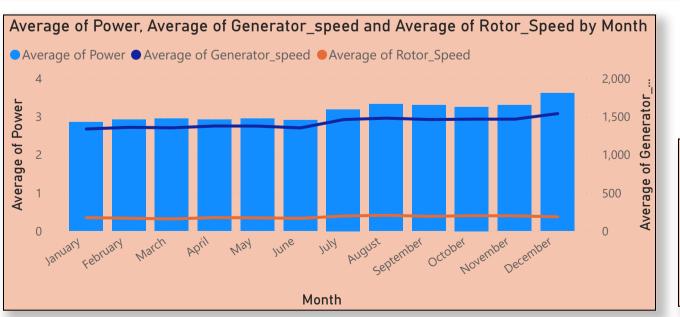


# **Wind Turbine Failure**







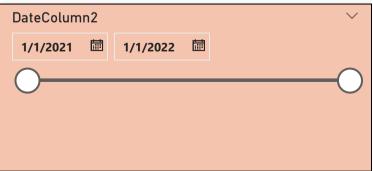


1.42K

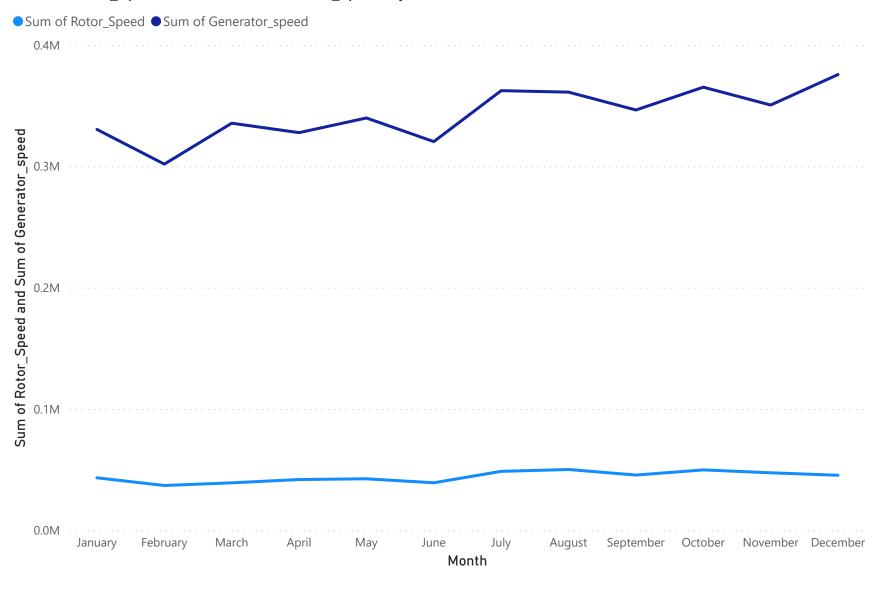
Average of Generator\_speed

14.08 Average of Ambient\_temperature

1.42K **Average of Generator speed** 

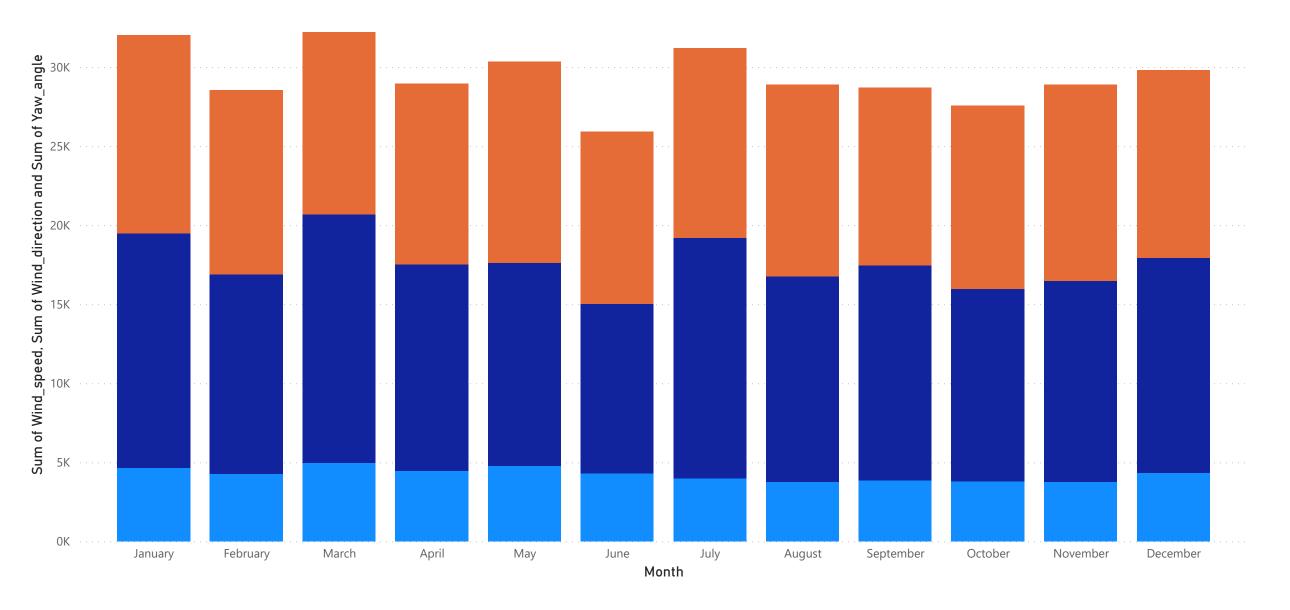


### Sum of Rotor\_Speed and Sum of Generator\_speed by Month

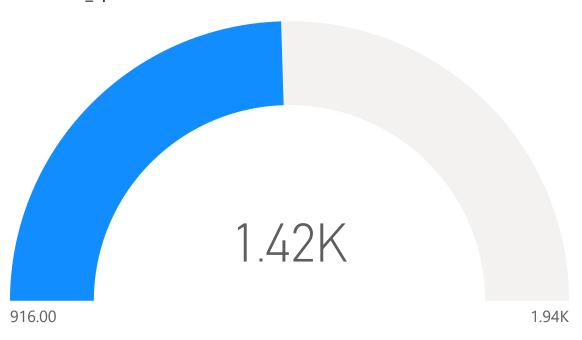


### Sum of Wind\_speed, Sum of Wind\_direction and Sum of Yaw\_angle by Month

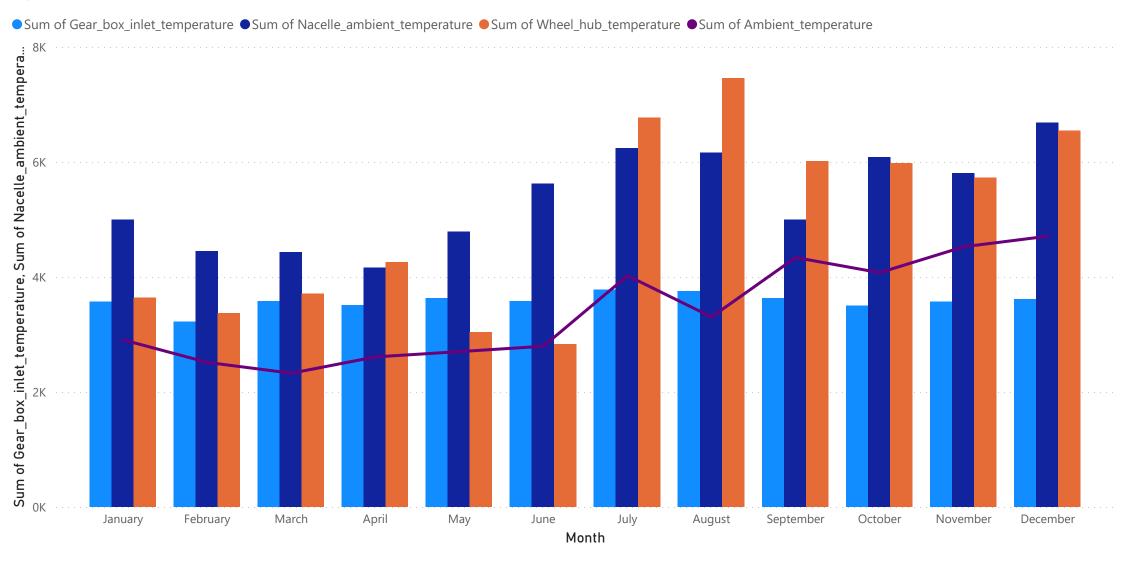
● Sum of Wind\_speed ● Sum of Wind\_direction ● Sum of Yaw\_angle



Average of Generator\_speed, Min of Generator\_speed and Max of Generator\_speed



Sum of Gear\_box\_inlet\_temperature, Sum of Nacelle\_ambient\_temperature, Sum of Wheel\_hub\_temperature and Sum of Ambient\_temperature by Month





# **Wind Turbine Failure**

50.91K

3.12
Average of Power

Sum of Wind\_speed

