1. As expected, temperatures decline as cities get further from the equator. In the temperature vs. latitude chart, there is a range of highest temperatures is skewed towards the Southern lattitudes, which is also expected as it is summer Southern hemisphere for the date the weather data was collected.
2. Cloudiness and humidity values look to been evenly distributed across latitudes suggesting there is no correlation between them and latitude.
3. There doesn’t appear to be a strong relationship between latitude and wind speed per inspection of the wind speed vs latitude chart, but there are few locations in the Northern most latitudes that have wind speeds above averate.
4. Not a direct correlation to weather, but since there are no data points in the data set below 60 deg South or above 80 deg North, that suggests that there a no cities at extreme South or North latitudes which makes sense since there are no cities located on either Arctica or Antarctica.