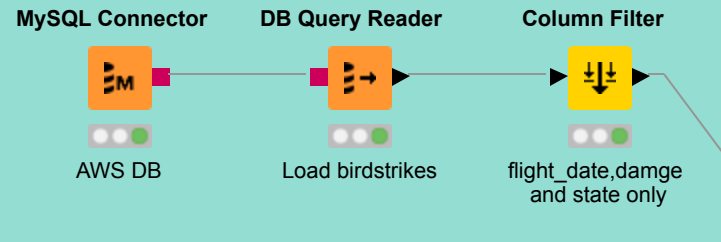


In this workflow, we would like to study the correlation between the number of incidents in Birdstrikes DB and wind speed.

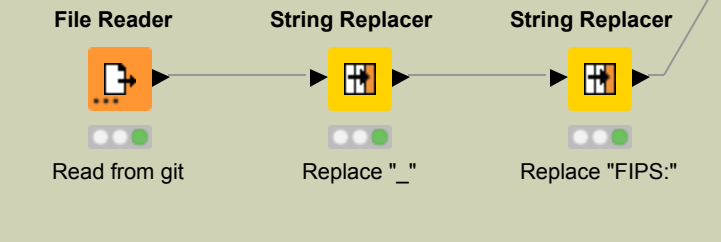
For this, we need to enrich every observation with average wind speed for the given date in the given state. The enrichment data source will be the Weather API of National Centers for Environmental Information.

This API requires a so called FIPS identifier which will be served as a CSV. This CSV contains FIPS identifiers for all US states with some errors ...

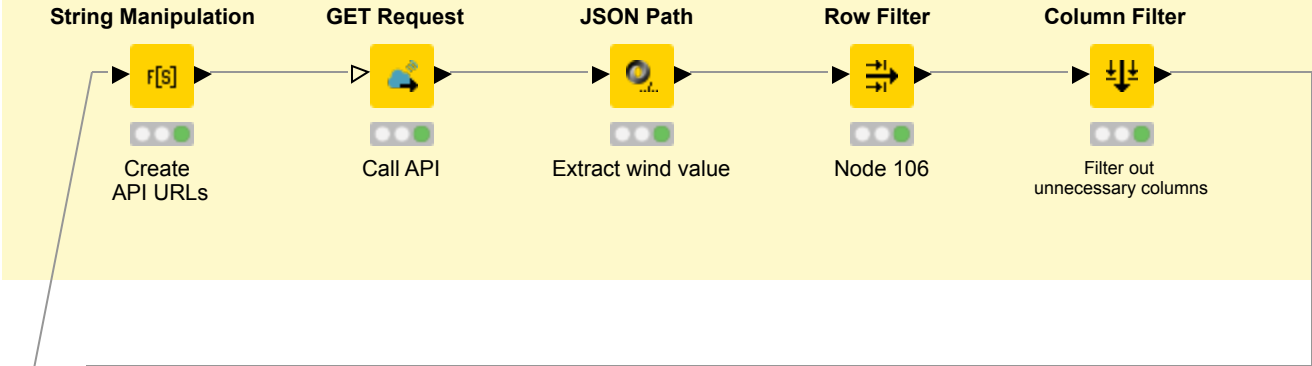
LOAD BIRDSTRIKES



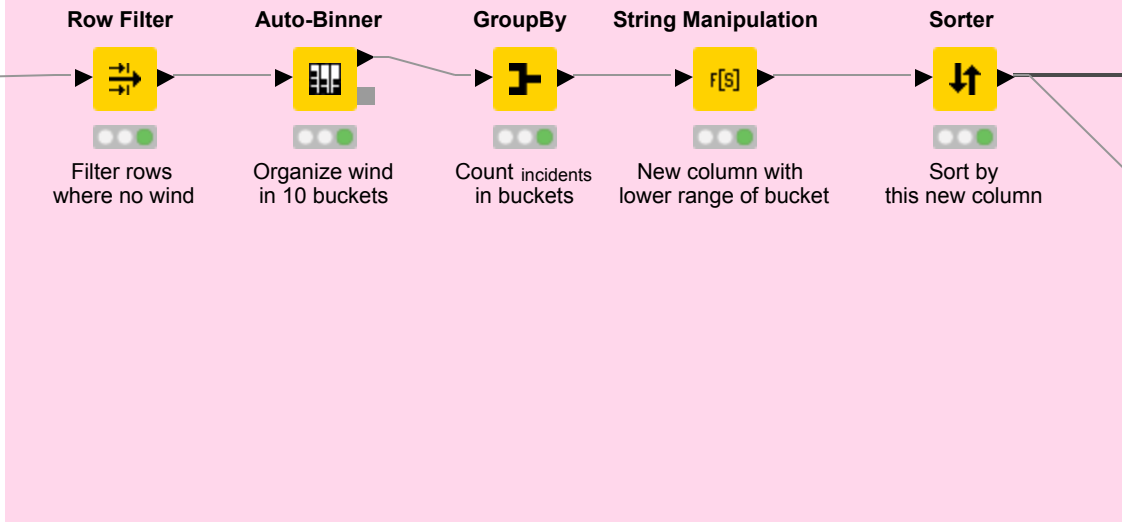
ADD STATE FIPS



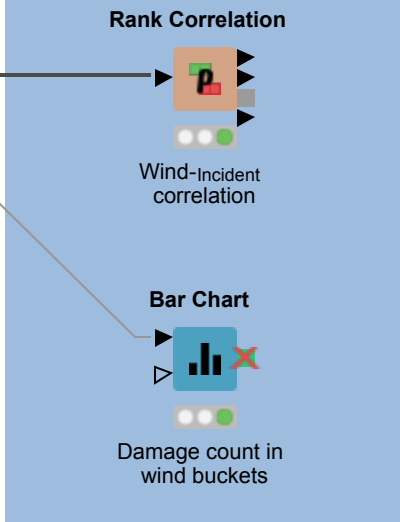
USE API TO ADD WIND SPEED



CLEAN AND TRANSFORM



ANALYTICS



API URL Sample

<https://www.ncdc.noaa.gov/cdo-web/api/v2/data?datasetid=GHCND&datatypeid=AWND&limit=1&startdate=2000-01-02&enddate=2000-01-02&locationid=FIPS:06>