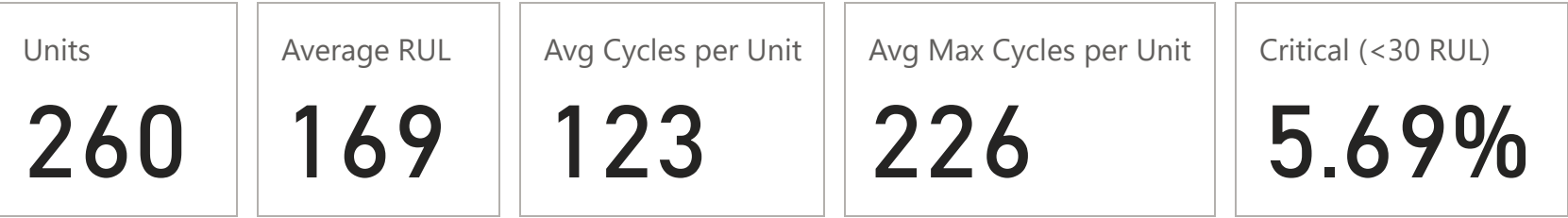


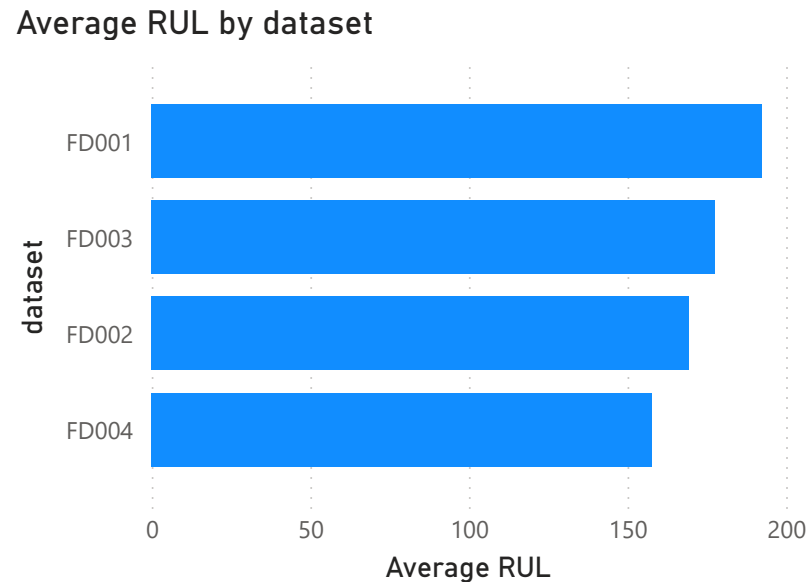
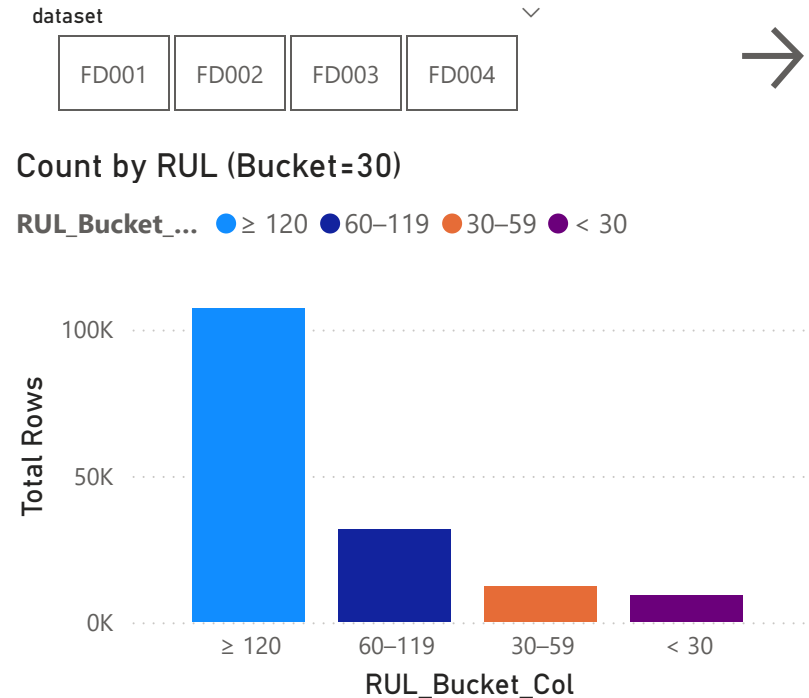
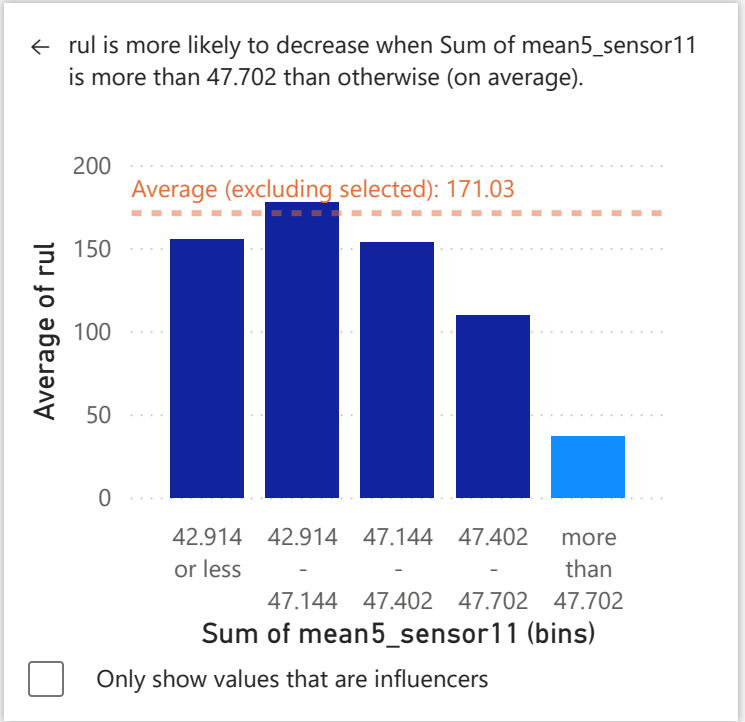
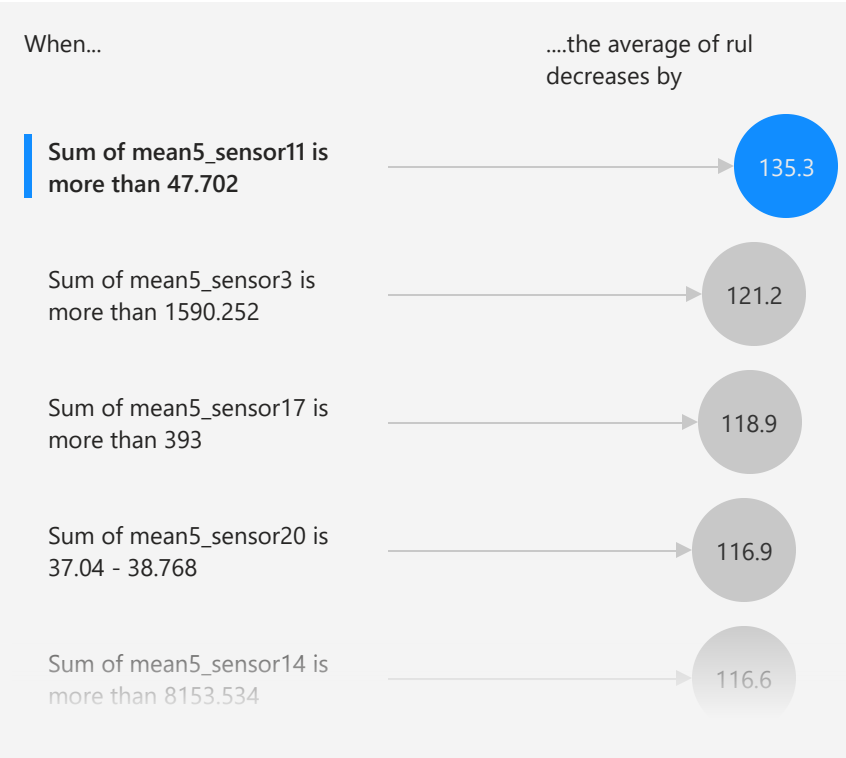
NASA Turbine Maintenance Prediction Analysis - KPI

Turbofan Engine Degradation Simulation
<https://www.nasa.gov/intelligent-systems-division/discovery-and-systems-health/pcoe/pcoe-data-set-repository/>



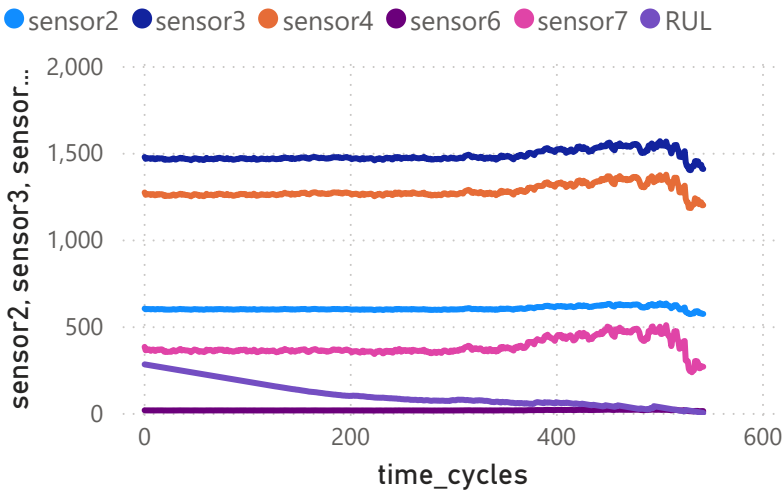
Key influencers Top segments

What influences rul to Decrease ?

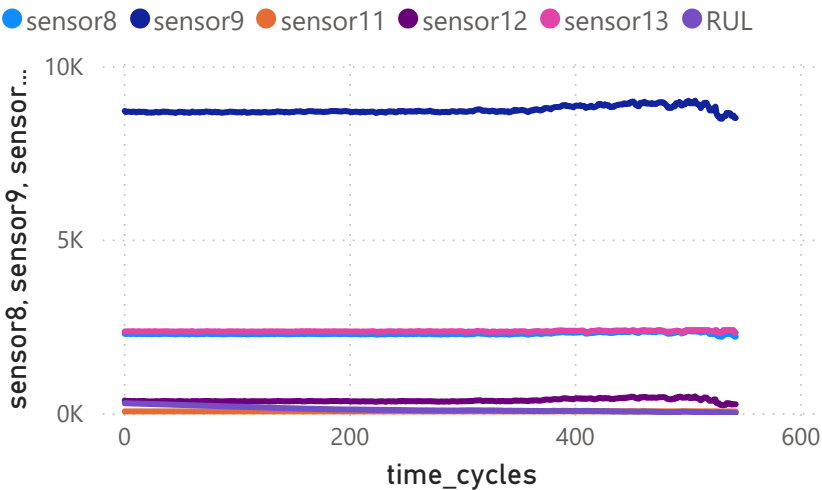


Analysis - Sensor Correlations mean5 and mean20

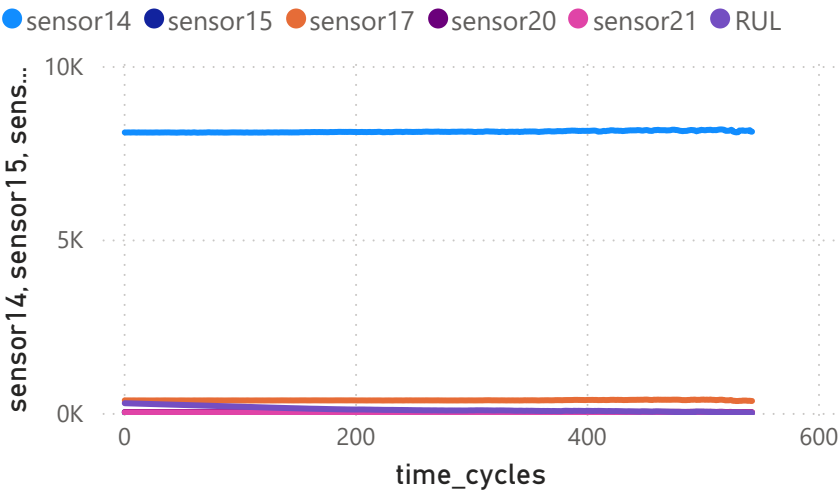
mean5: sensor2, sensor3, sensor4, sensor6, sensor7 and RUL by time_cycles



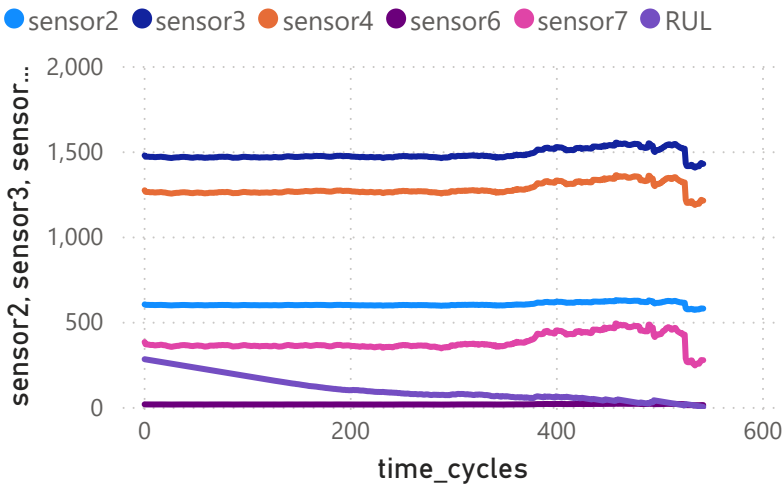
mean5: sensor8, sensor9, sensor11, sensor12, sensor13 and RUL by time_cycles



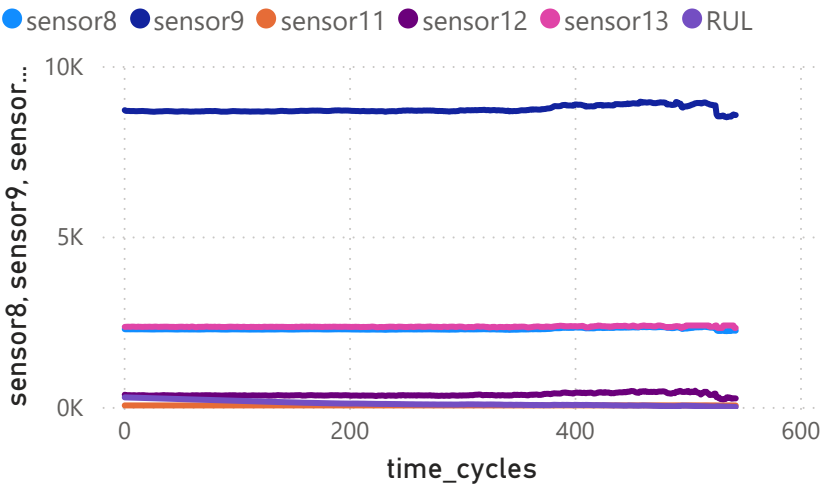
mean5: sensor14, sensor15, sensor17, sensor20, sensor21 and RUL by time_cycles



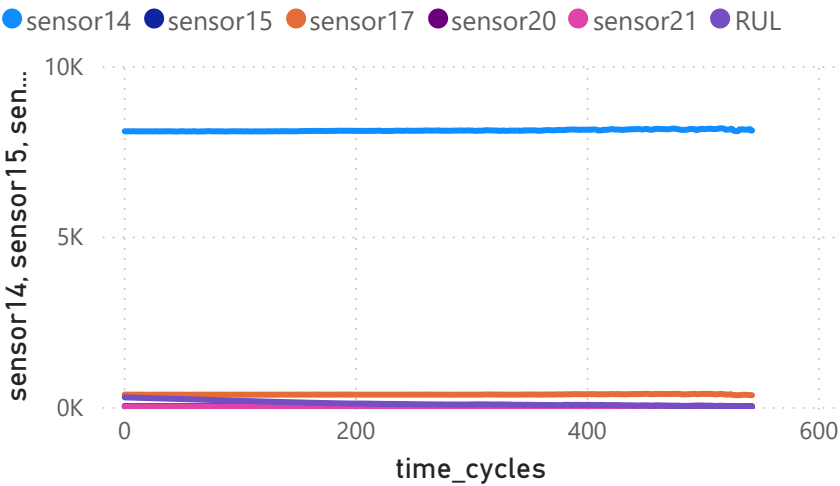
mean20: sensor2, sensor3, sensor4, sensor6, sensor7 and RUL by time_cycles



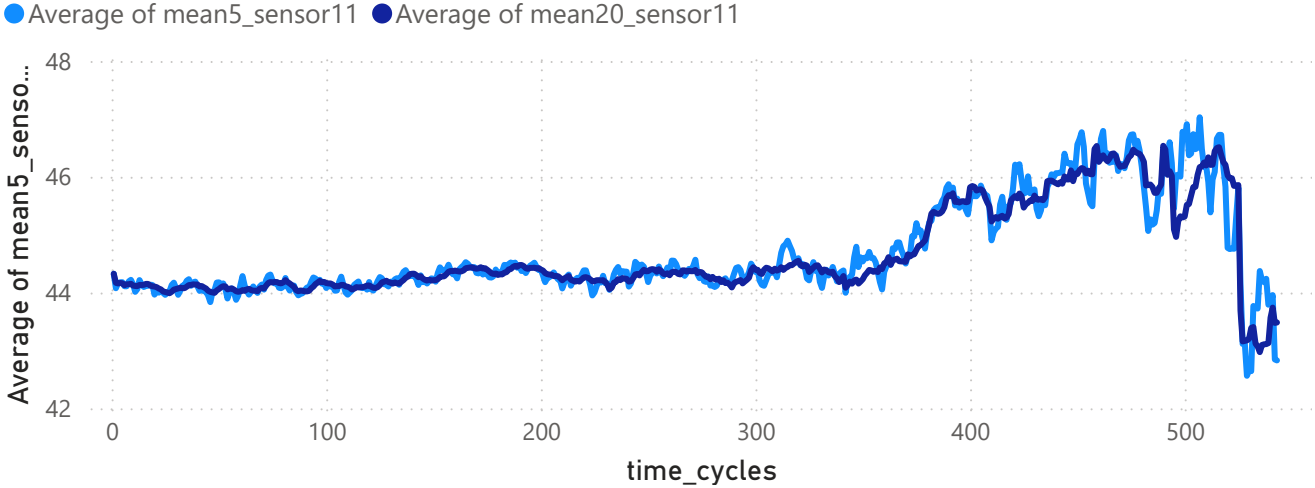
mean20: sensor8, sensor9, sensor11, sensor12, sensor13 and RUL by time_cycles



mean20: sensor14, sensor15, sensor17, sensor20, sensor21 and RUL by time_cycles



Average of mean5_sensor11 and Average of mean20_sensor11 by time_cycles



Delta Mean (Sensor2) by time_cycles

