

... here's **my excuse!**

Getting access to all  
the networks.

Finding out all the differing  
data sources which relate  
to haul trucks.

Getting a computer.

Finding which data sources are  
actually suitable for a project.



Formulating a problem which  
is valuable, and somewhat  
achievable.

Settling on oil as a  
means to an end.

Understanding what the data  
actually intrinsically represents.

Failure specific models which ensures that the prediction(s) have associated action(s).

Before/after engine major overhauls; what changed & was it worth it?

Before/after engine fluid change outs.

# this meant no time for the cool stuff...

\* but we'll get there

Viability of onboard oil sampling technology, the 500 hour sampling frequency has been proven too slow in some cases!

Discussion of the sampling frequency with respect to goal of sampling; treat component condition & oil condition separately.

An actual production dashboard to ensure information is acted on, doesn't slip through the cracks.