Hackathon

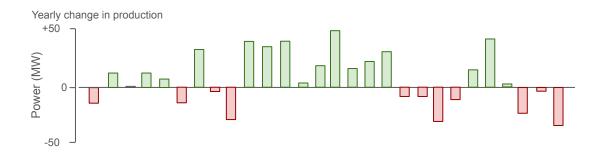
May 24, 2024 Sketchup of Predictive Maintenance Dashboard

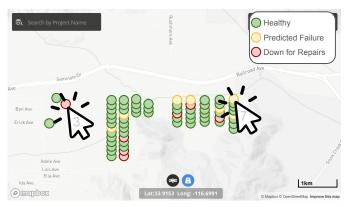


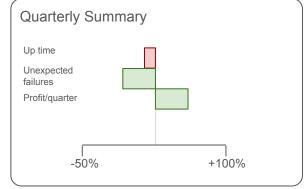
Time Frame Month Year 5Y Custom

Wind Farm Dashboard

Total Turbines	Active	Predicted Failures	Unexpected Failures	Out of Commission
110	39%	12.7%	32%	16%



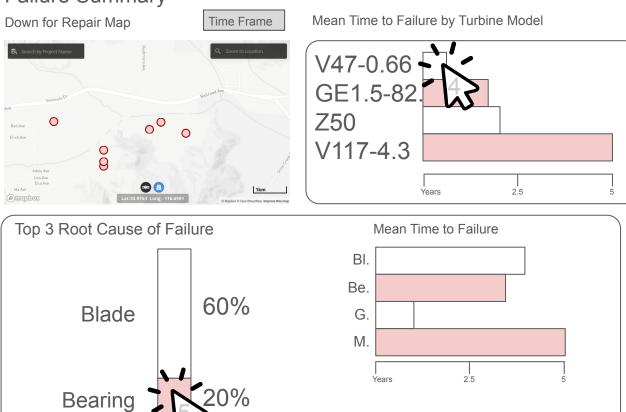




Failure Summary

Gearbox

Misc.

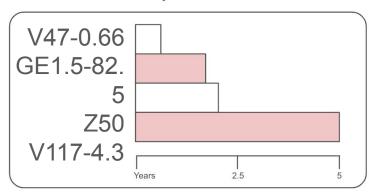


15%

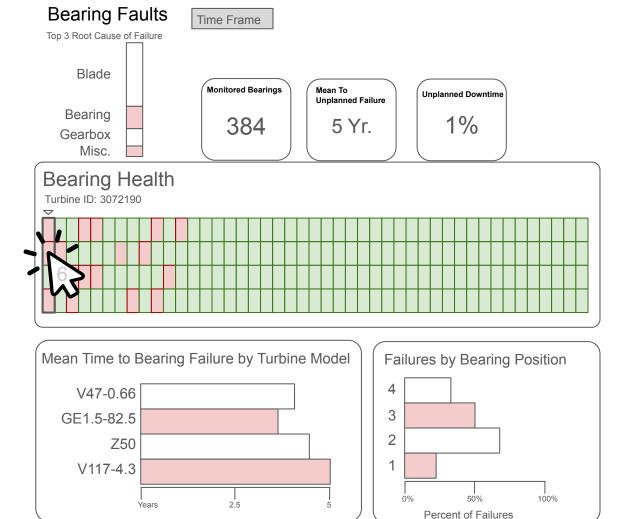
10%

Turbine Model Overview

Mean Time to Failure by Well Model

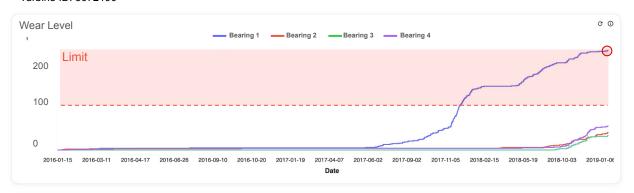


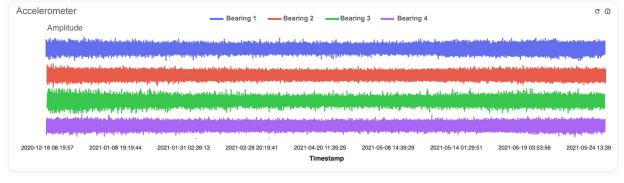




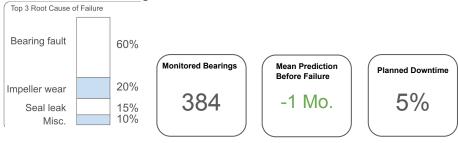
Motor Bearing Health

Turbine ID: 3072190



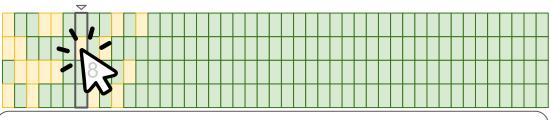


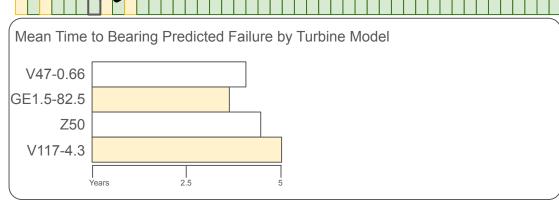
Predicted Bearing Faults



Predicted Bearing Health







Turbine ID: 4568146 Turbine ID: 2995300 Turbine ID: 2904165 Turbine ID: 3742042 Turbine ID: 4081837 Turbine ID: 2919034 Turbine ID: 4541364 Turbine ID: 5113379 Turbine ID: 5392061 Turbine ID: 9817989 Turbine ID: 6554174 Turbine ID: 1606713 Turbine ID: 1781517 Turbine ID: 3919066 Turbine ID: 1283380 Turbine ID: 7638057 Turbine ID: 3966229 Turbine ID: 3136162 Turbine ID: 7118142 Turbine ID: 6945434 Turbine ID: 7725331 Turbine ID: 5324516 Turbine ID: 2738046 Turbine ID: 2433942 Turbine ID: 2442844 Turbine ID: 6204927 Turbine ID: 9157125 Turbine ID: 2608488 Turbine ID: 2085900

Turbine ID: 7628648

Motor Bearing Health

Turbine ID: 3072190

