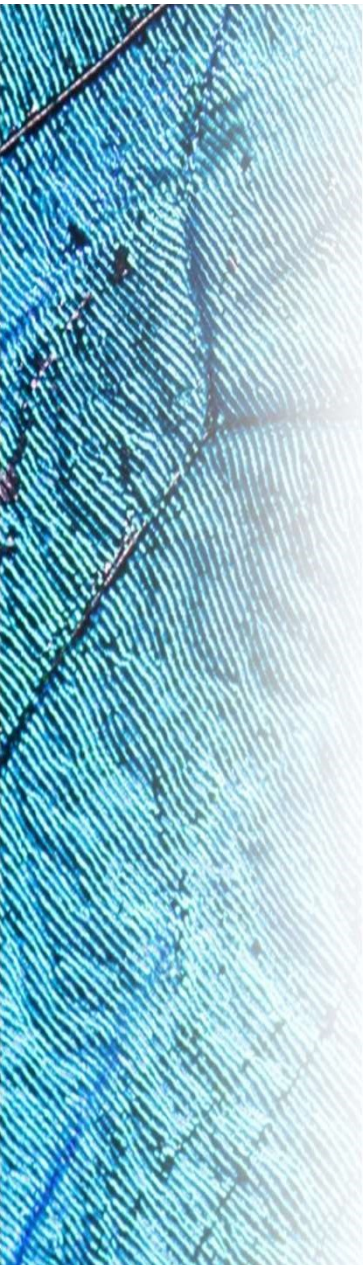




NUMENTM

———— ENERGY GENIUS ————



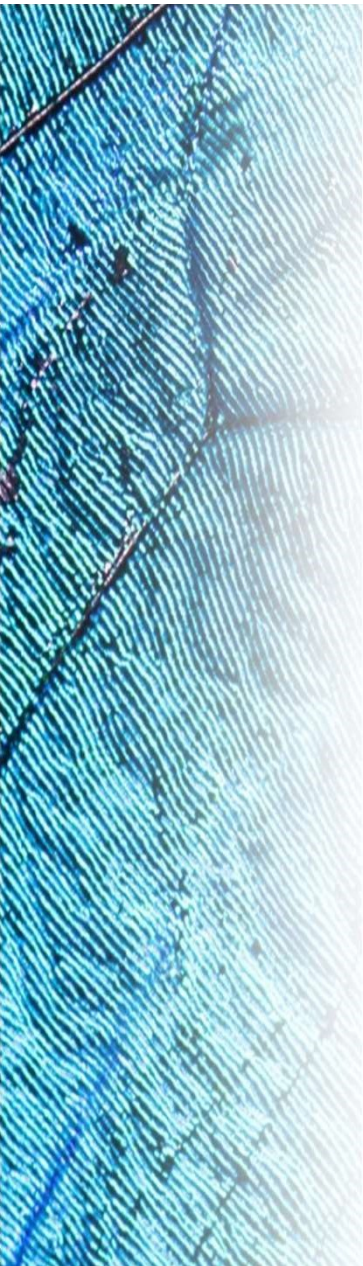
Many businesses and households have a goal to reduce energy consumption.

Many businesses and households struggle to achieve planned energy reduction goals.

Access to and analysis of energy data is the single biggest barrier to energy efficiency and the biggest driver of success when implemented.

A word cloud shaped like a brain, featuring terms related to machine learning and data science. The words are arranged in a way that they fit the overall shape of the brain, with larger words being more prominent. The color palette is primarily dark purple and brown, with some lighter brown and yellow accents.

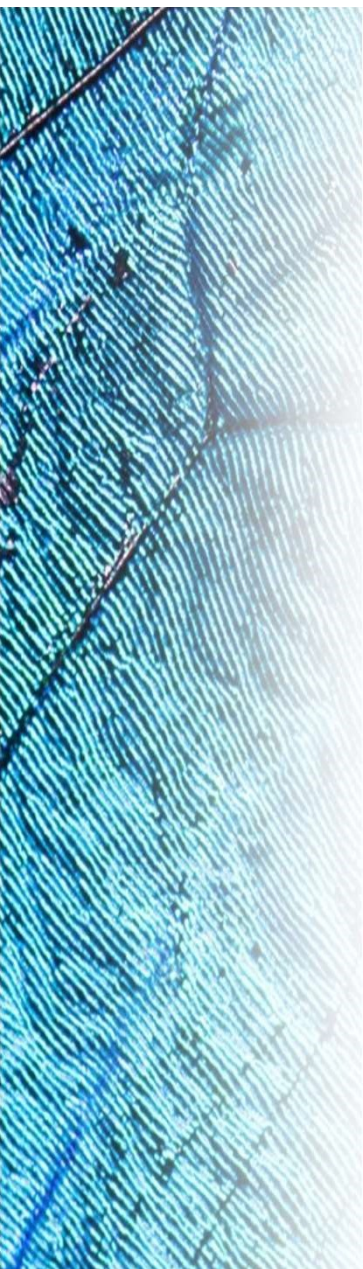
machine
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data
statistical
learning
graphs
clustering
complex
objects
behavior
results
theory
analysis
guarantees
Machine
urgent
questions
algorithm
theoretical
information
view
tried
science
network
exploratory
need
graph-based
different
give
people
interactions
patterns
many
online
social
extract
large
properties
similarity
analyze
becomes
principled
discipline
classification
ensure
increasingly
structures
able
get
unimportant
important
use
amounts
either
relation
arise
best
Across
compounds
understood
communities
choose
Given
metabolic
appears
relatively
automatic
answer
tried
focus
Exactly
structured
areas
answered
Machine
urgent
deal
want
often
describe
statistics
diverse
domains
world
model
methods
popularity
new
quality
well
try
due
set
brain
Theoretical
attractive
Statistical
essentially
performance
language-translation
propagation
structure
web
sensors
example
statements
text
reproduced
strengths
misleading
recognize
designing
computer
chemical
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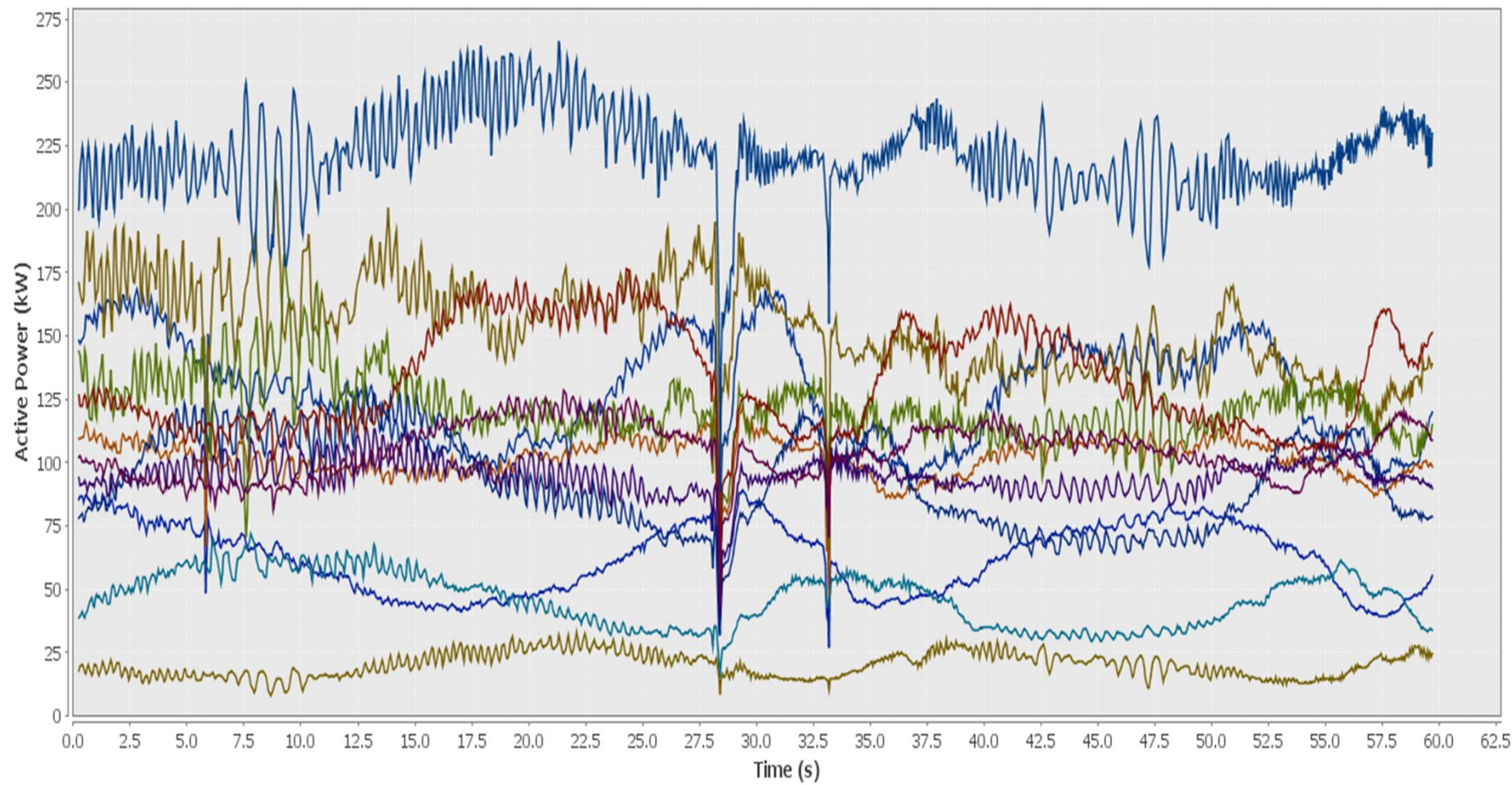
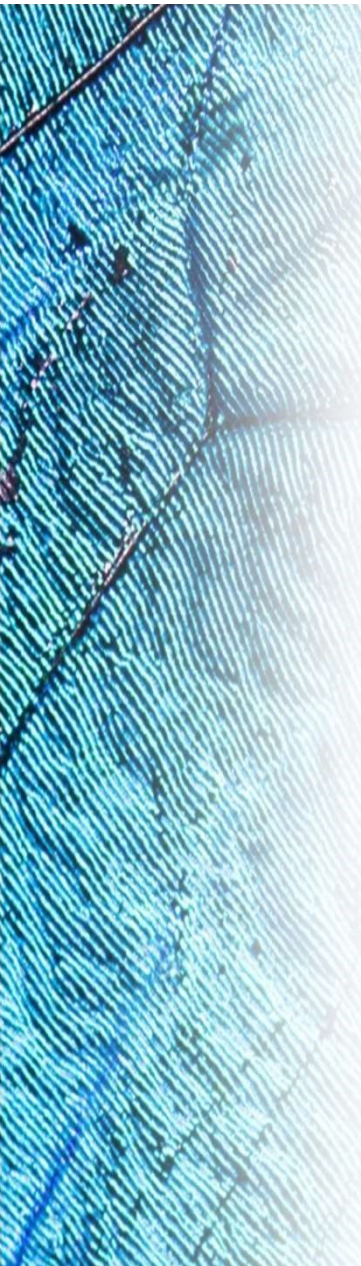


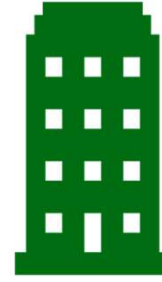
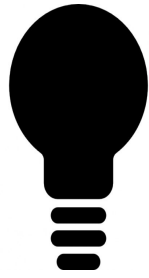
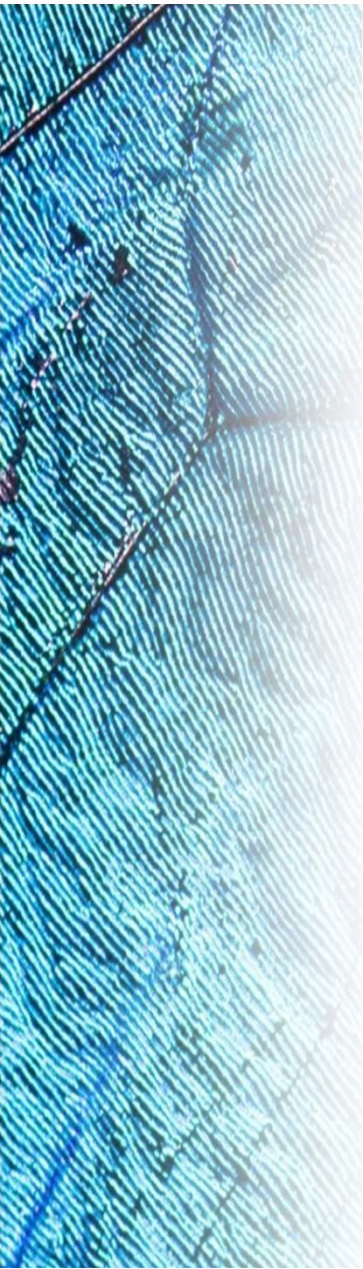
“Machine Learning is a current application of AI based around the idea that we should really just be able to give machines access to data and let them learn for themselves.”

Bernard Marr





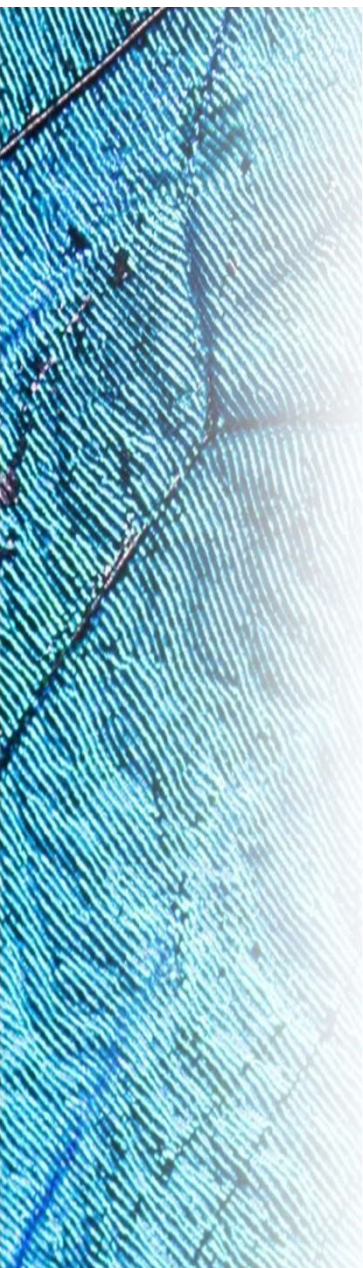




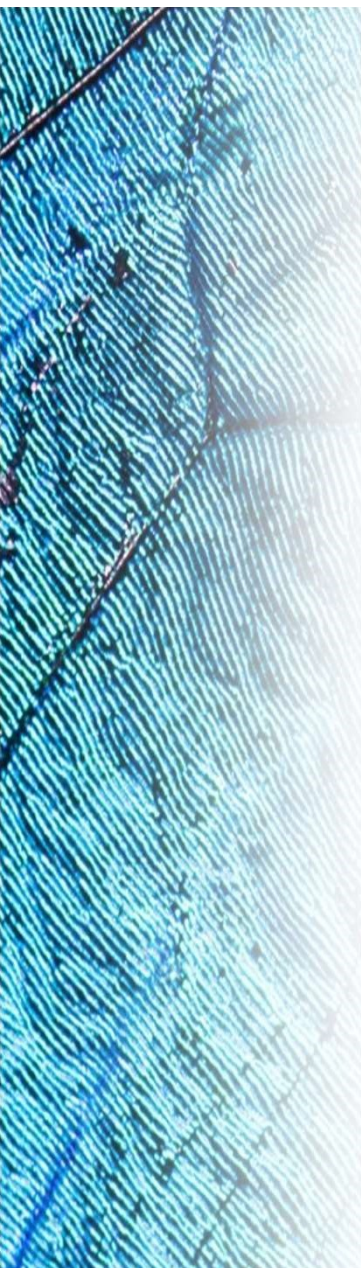


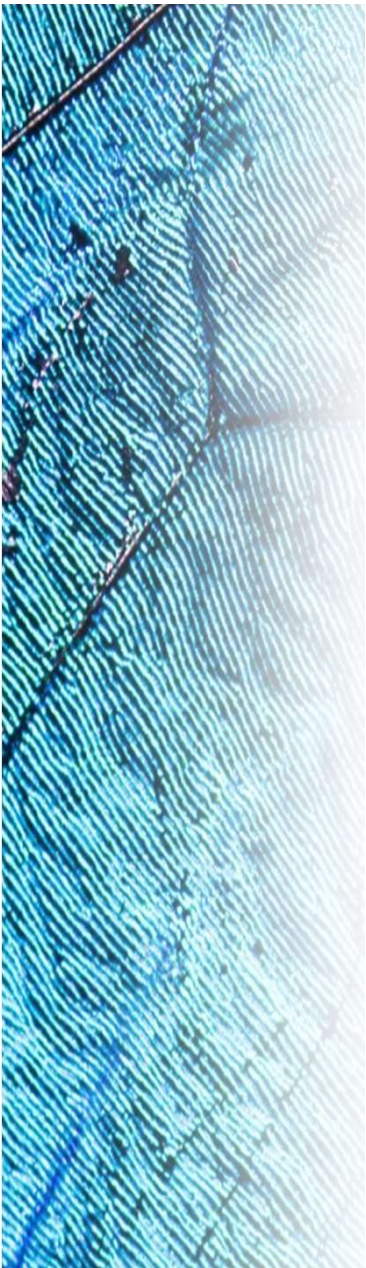
efficiency...

the state or quality of being efficient or able to accomplish something with the least waste of time and effort; competency in performance.



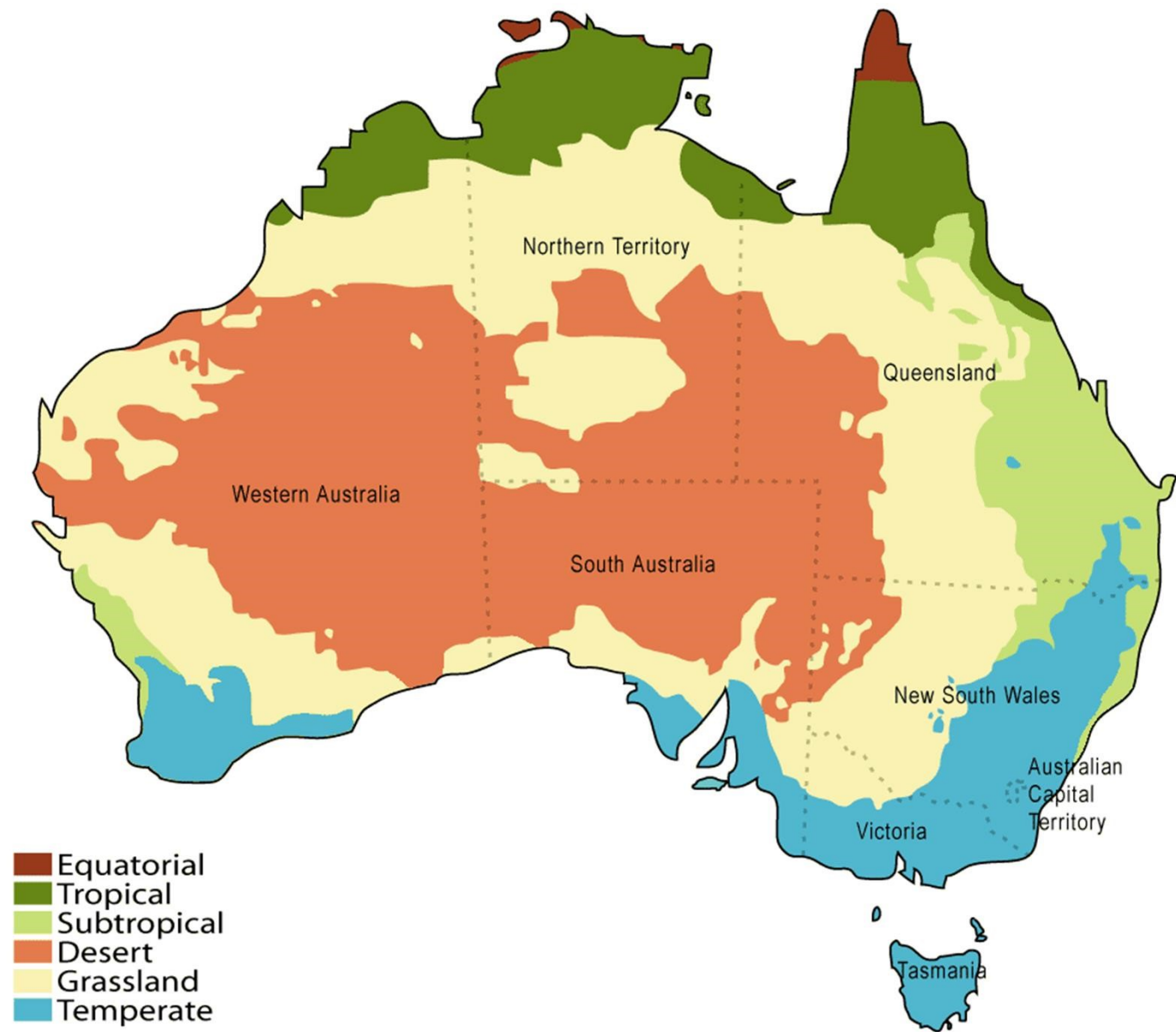
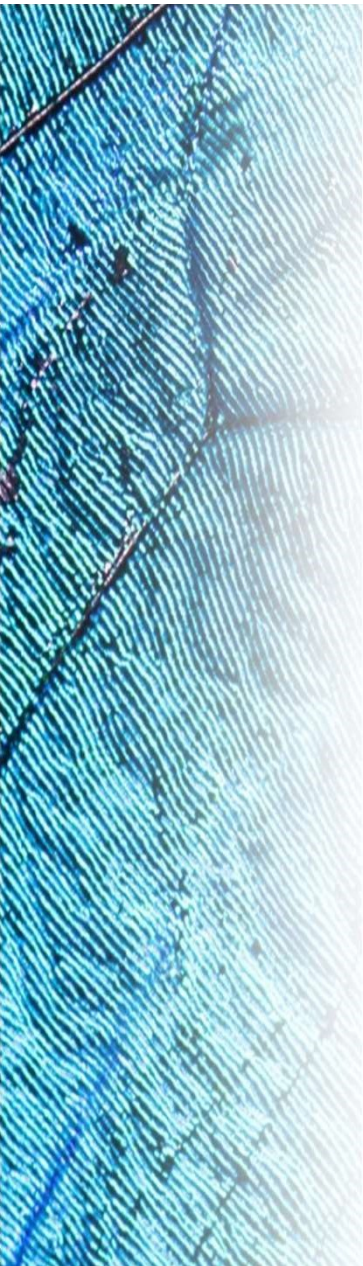


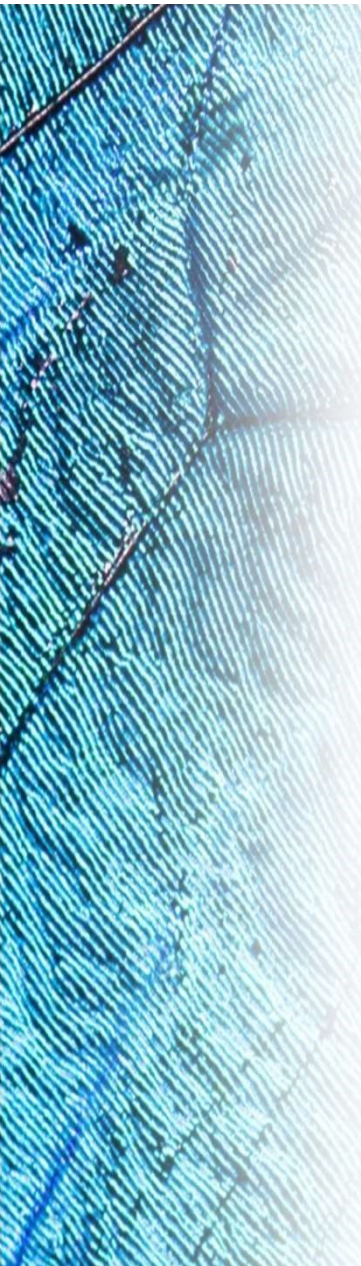




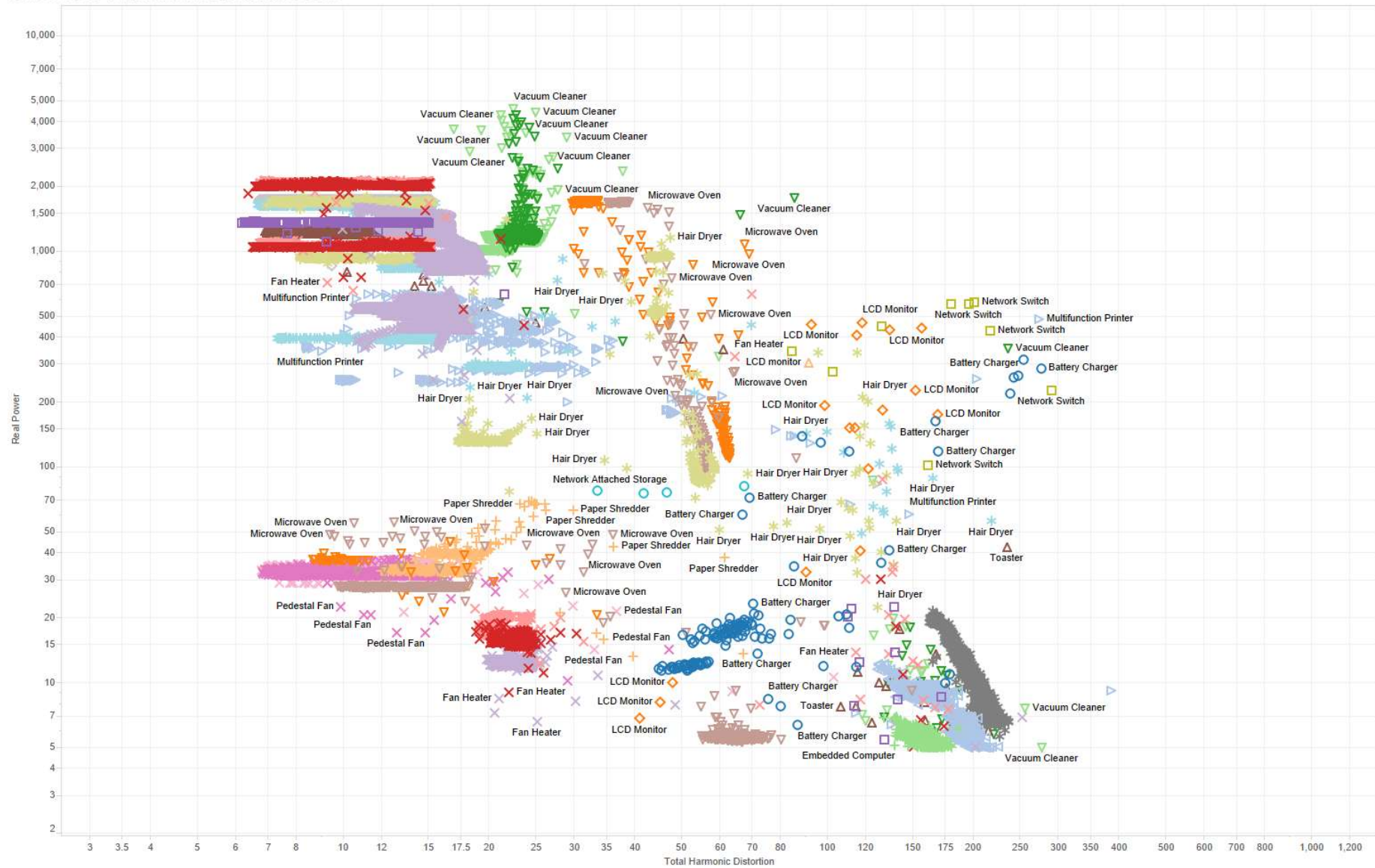
“Globally electric motors consume about 9,000TWh/year, but more advanced models could save about 1,000TWh and reduce CO2 emissions by 0.8Gt per year.

This equals the total annual electricity consumption of a country like Japan.”

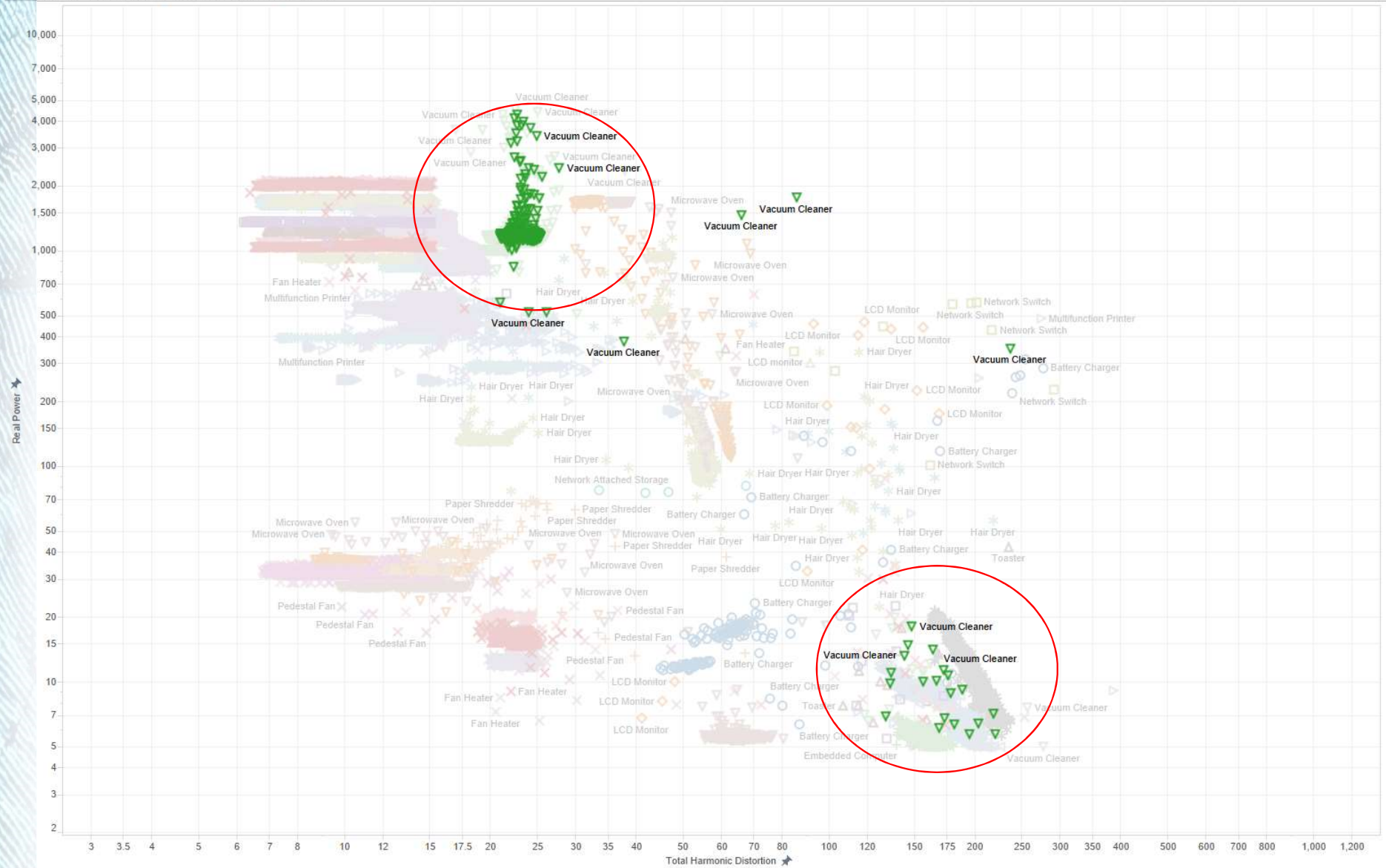


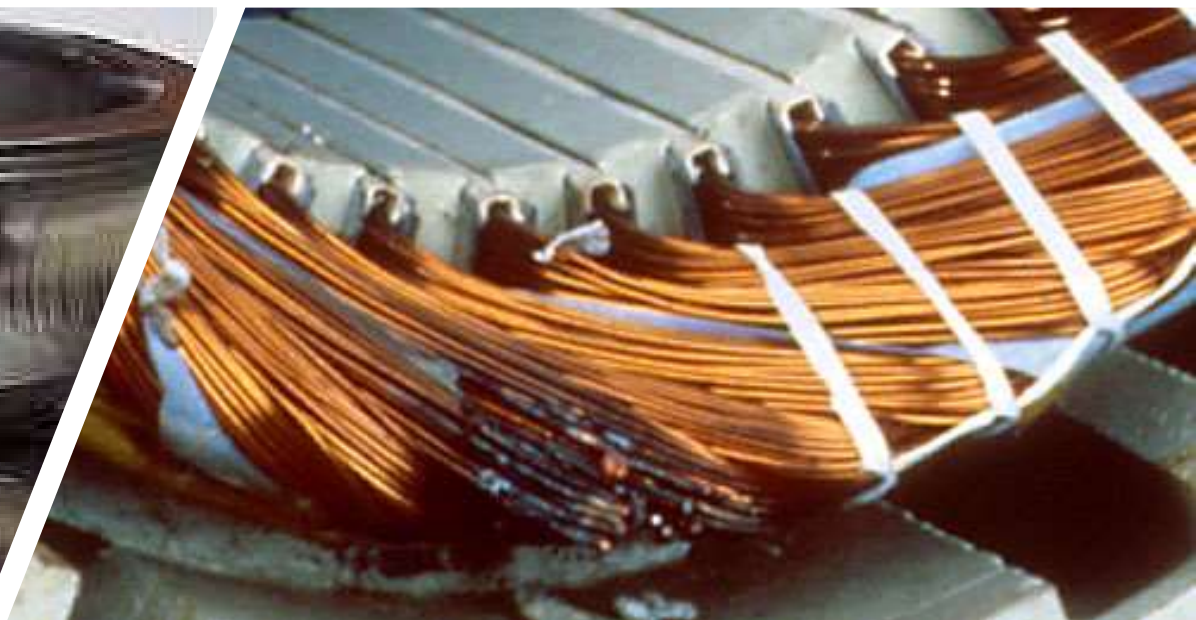
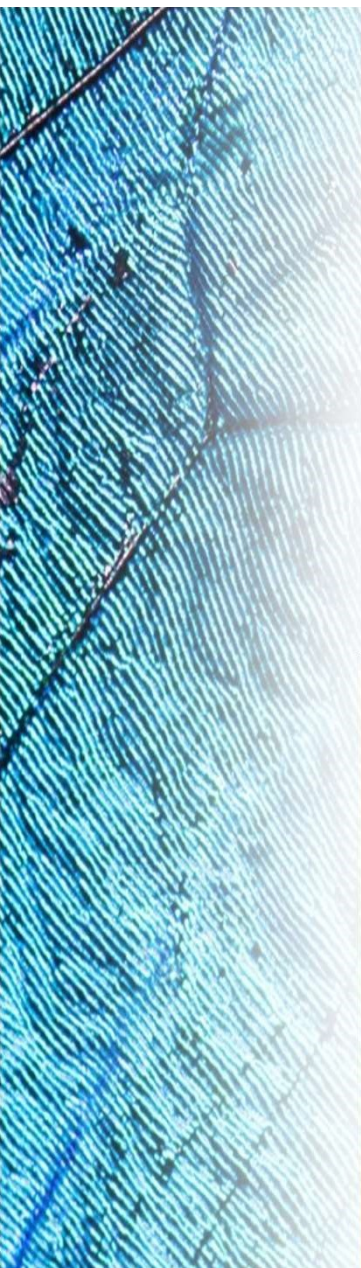


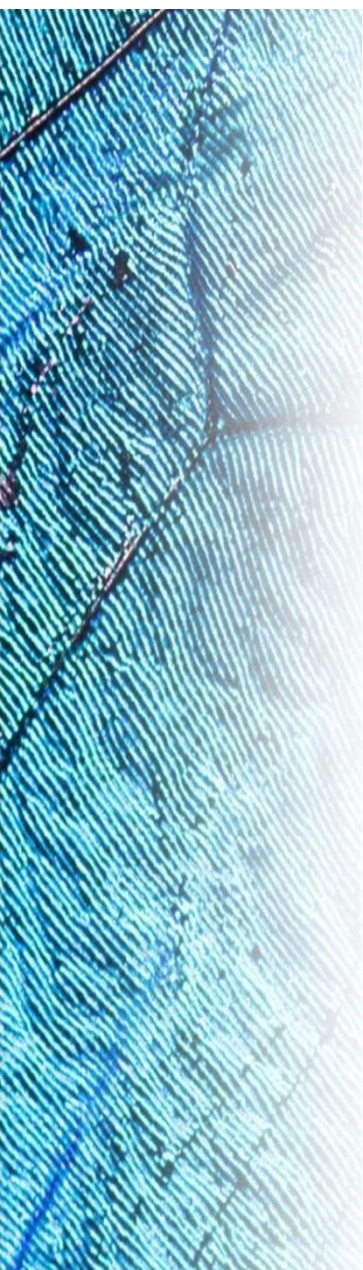
Real Power vs Total Harmonic Distortion Per Load



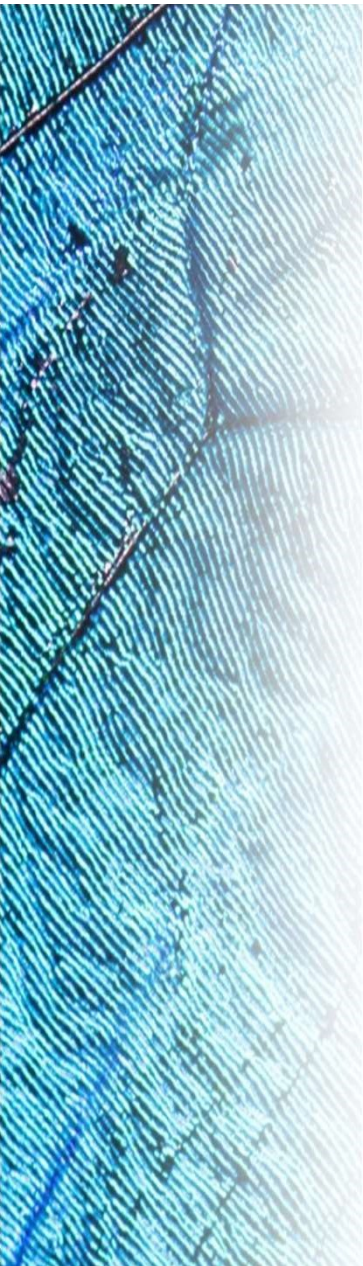
Real Power vs Total Harmonic Distortion Per Load











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