

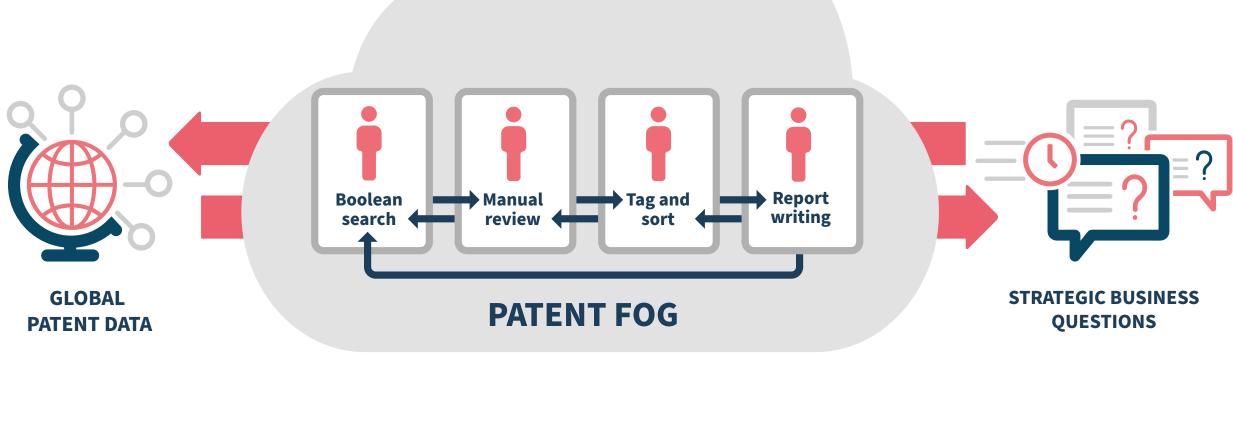
WHY CIPHER?

Cipher can help.

Manually classifying patents is too painful.

A human can read 5 patents an hour

Cipher can read 61 million patents an hour

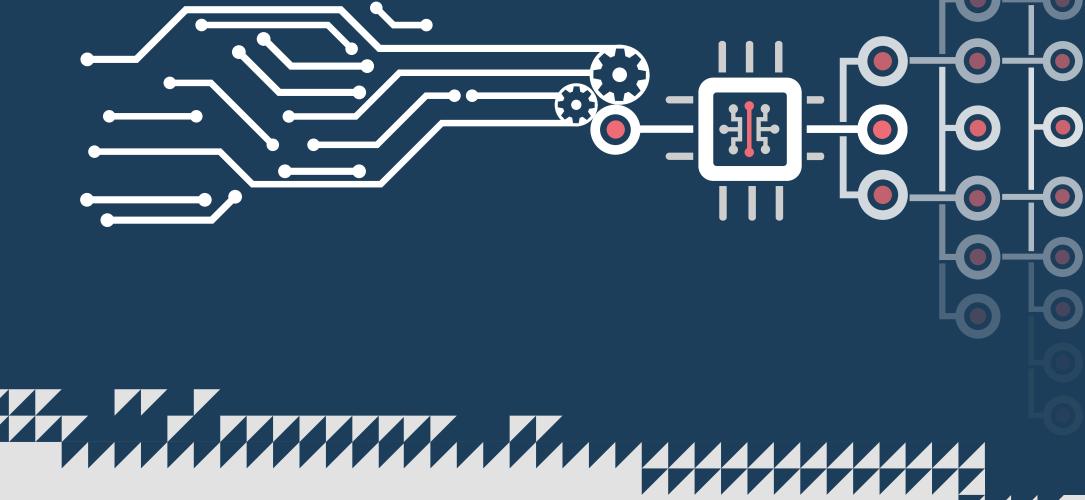


Cipher was created to automate the manual

process of sorting, tagging and classifying

patents to your view of the world.

CIPHER CAN CLASSIFY 61 MILLION PATENTS



Machine learning is a way to achieve human-like results, by training algorithms how to

WHAT IS MACHINE LEARNING?

Machine Learning is everywhere today **Gmail have stopped** of spam through Machine Learning

perform complex tasks instead

of explicitly coding them.



CIPHER

performs when classifying patents? ... We need to test it.

How can we **trust** the machine?

How can we see if the Cipher

Machine Learning algorithm



manual results. The following criteria had to be met to deliver a robust test:

MACHINE LEARNING ALGORITHM

independent consultant

Independent – the manual sorting of the

patent data sets was done by an

This is what we did to test the Cipher algorithm:

2. A small section of the data sets were used

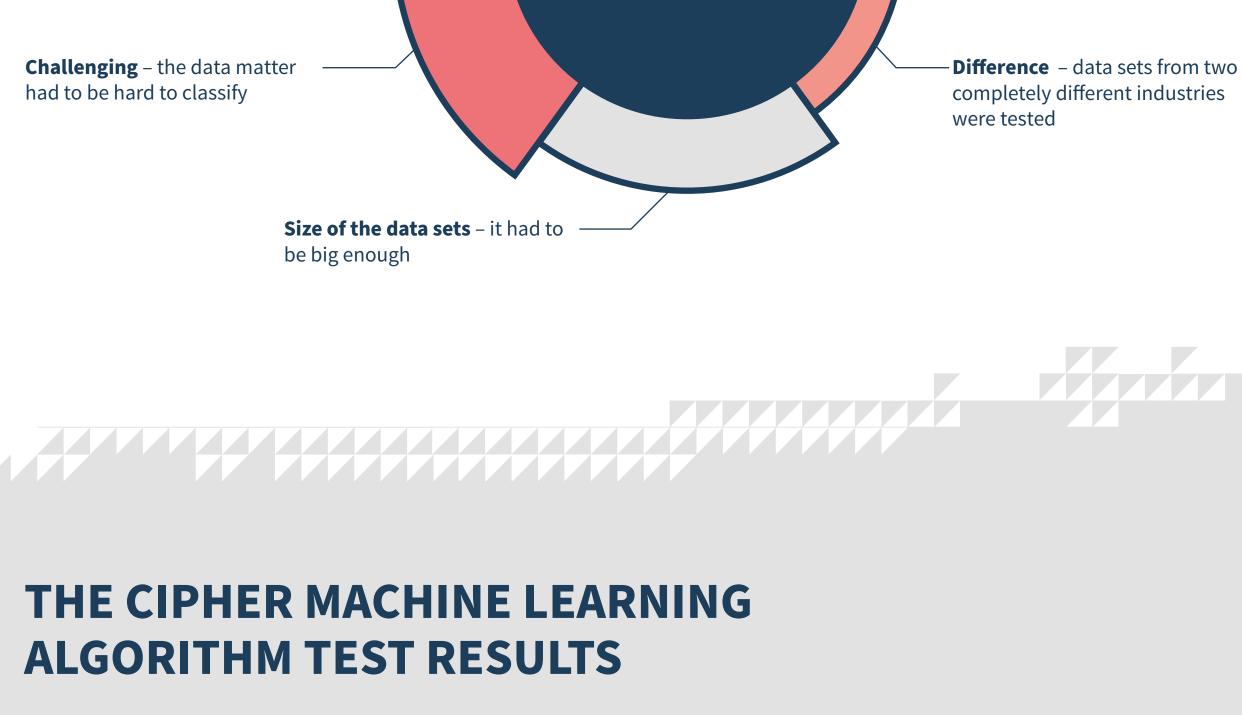
algorithm were compared against the

1. The patents from the data sets were

to train the Cipher algorithm, then

3. The results delivered by the Cipher

manually sorted

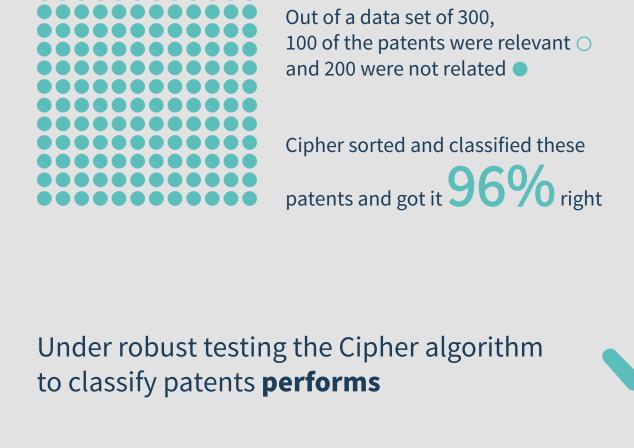


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Test criteria

classify patents?

How did Cipher perform in the test to





Scope –the data sets used

needed to be specific in

their scope

The machine works – find out how you can use it for **Strategic Patent Intelligence.** Speak to one of our Cipher team today.

Your own classifiers →