

Machine Learning in Practice

Fully automated quotation generation for manufacturing SMEs



Fachhochschule
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virtuellefabrik.ch
PLATTFORM DER MECHATRONIK



Synapto

Bystronic

Lastech ag

30 JAHRE KNOWHOW
LASERTECHNIK & BLECHBEARBEITUNG

HIGHTECH
ZENTRUM
AARGAU

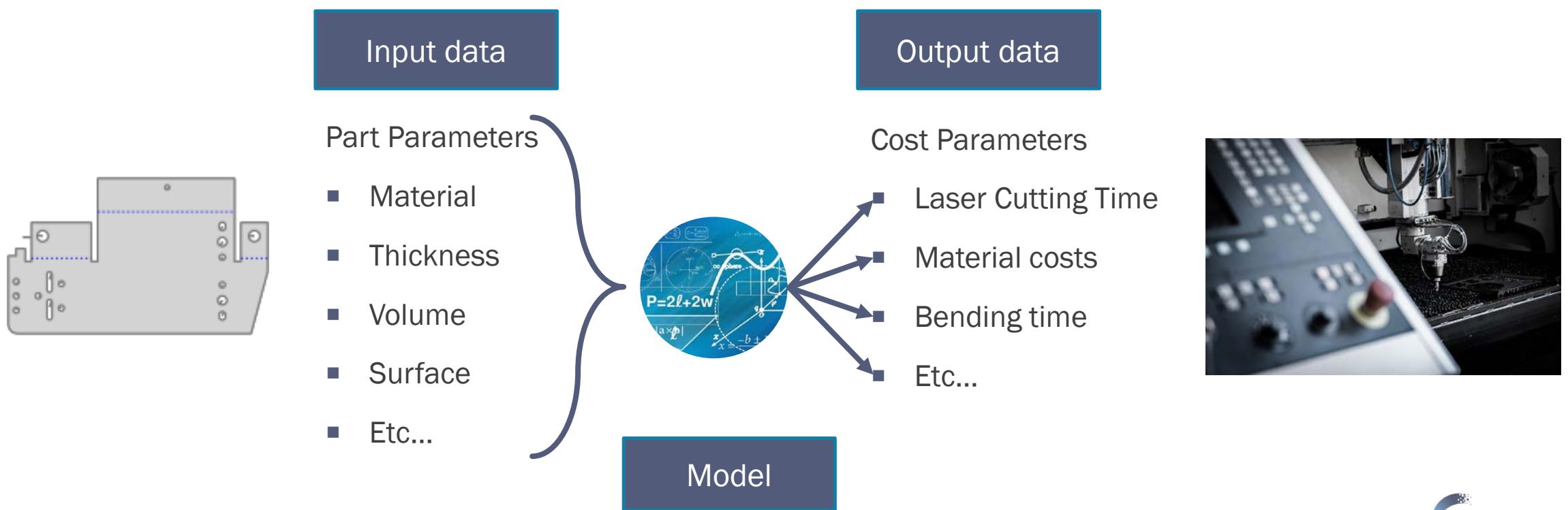


Vision

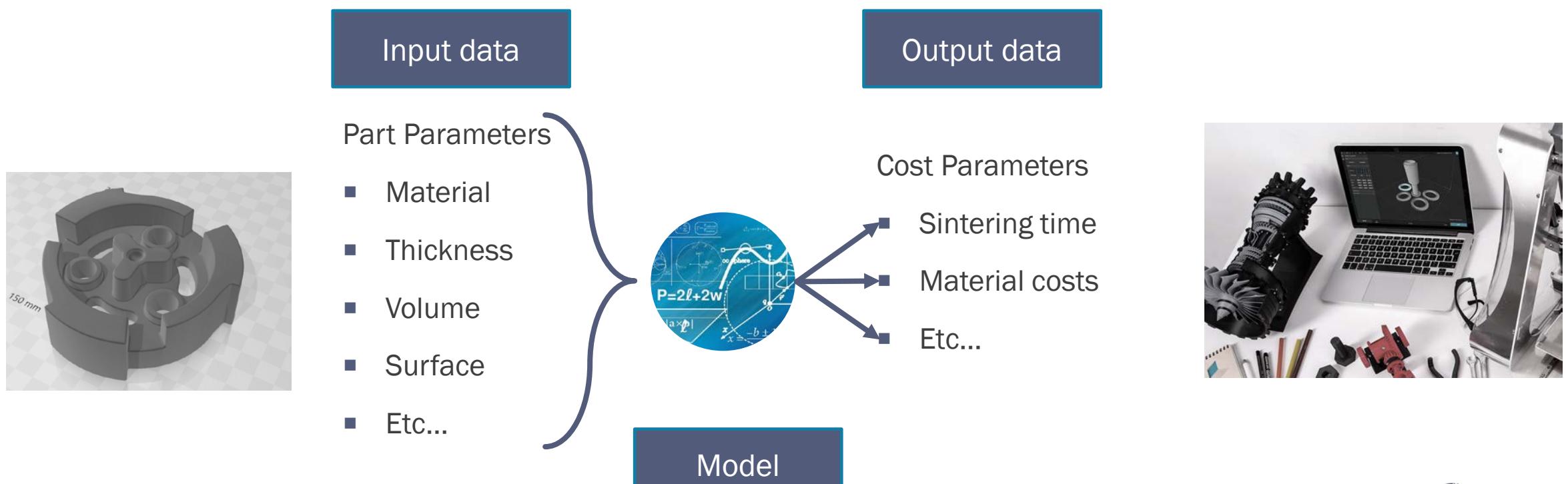
With the use of artificial intelligence (machine learning), SMEs can create fully automated quotes. The algorithms developed estimate the machining times of mechanical components more accurately than an expert and within seconds.



Implementation

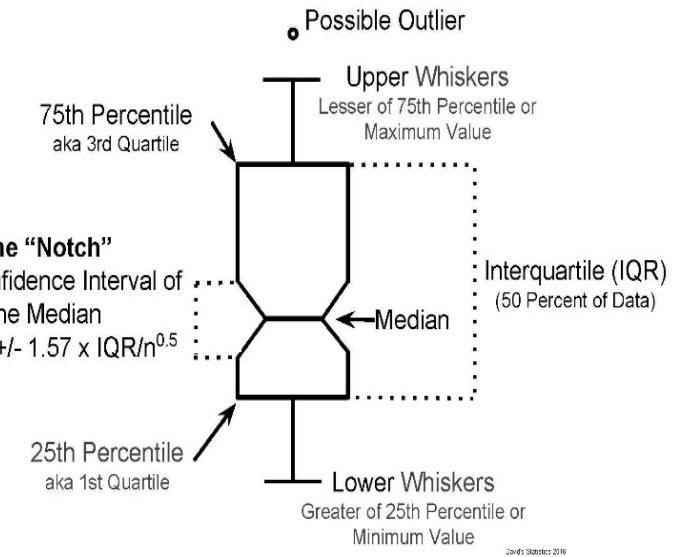
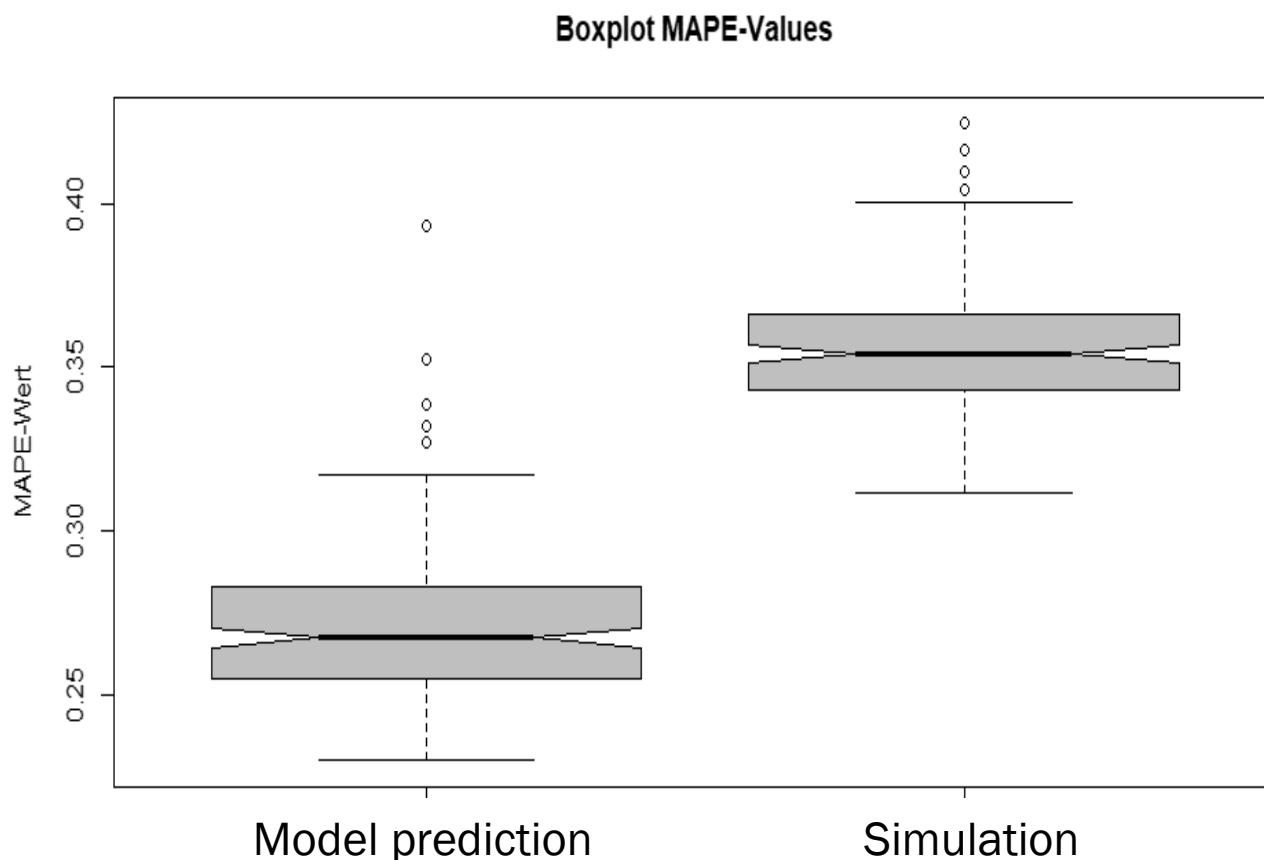


Implementation



--> Model and setup can be used for any manufacturing technique.

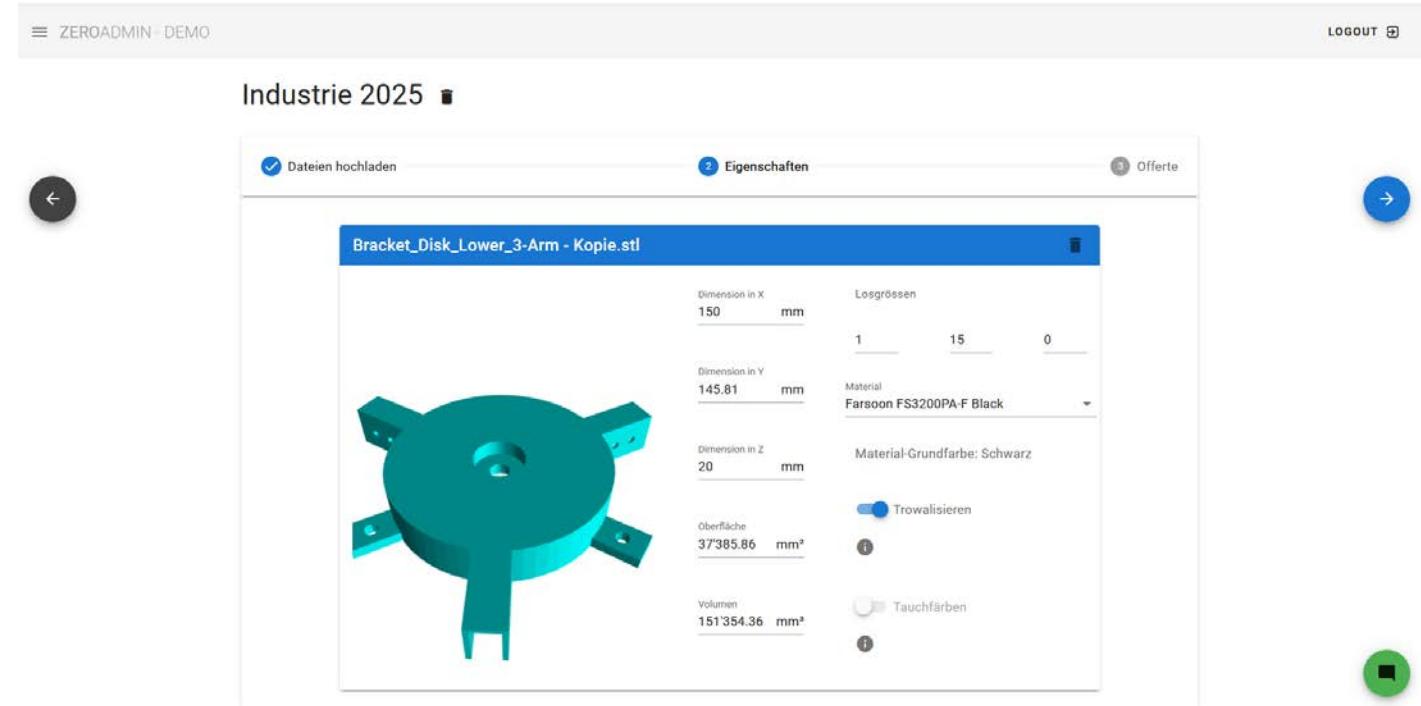
What about the precision?



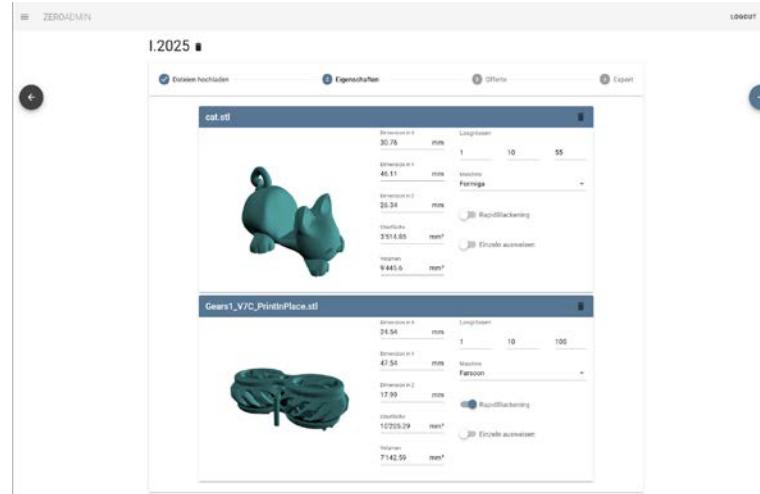
95% was chosen as the confidence interval of the median.

Benefits

- Reduce administrative costs by over 50%
- Better service for customers
- Know how in a mathematical model



Get in contact!



Business requests



Scientific requests



- Exclusive demo
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