



A new class of AI

Combining the predictive power of machine learning with the interpretability of fixed parametric models



BEEN PLAYING WITH COMPUTERS SINCE THE 80'S

About me



Casper Wilstrup

CTO & CEO at Abzu

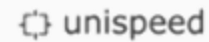
With a background in physics, Casper has 20 years of experience building large scale systems for data processing, analysis and artificial intelligence.

”

He is closing the gap between the way systems in nature work, and the way simulated processes in computers work.



NBI - Tandem Accelerator
Laboratory





LET'S ASK WIKIPEDIA

About pre-eclampsia



WIKIPEDIA
The Free Encyclopedia

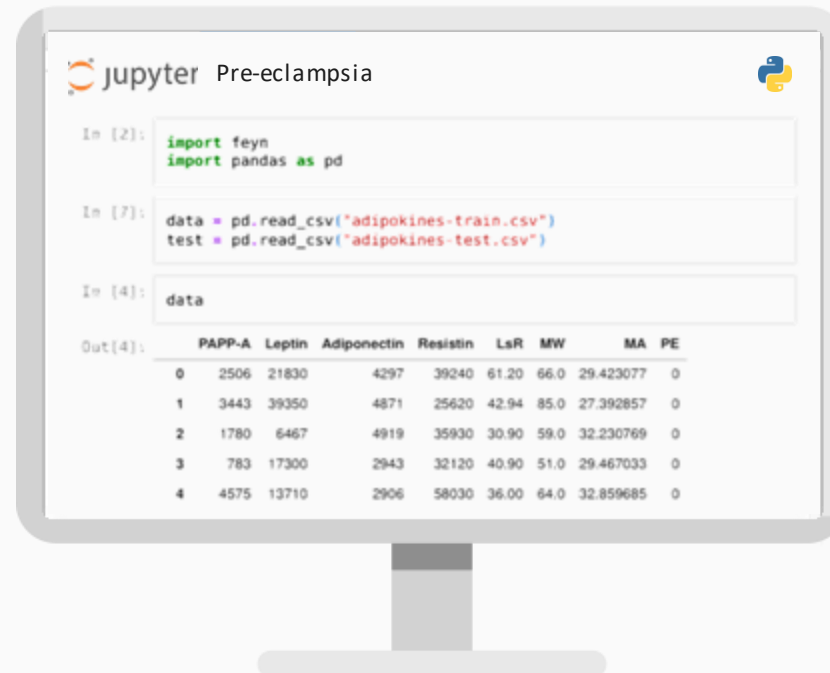
Pre-eclampsia is a disorder of pregnancy characterized by the onset of high blood pressure and often a significant amount of protein in the urine.[1][8] When it arises, the condition begins after 20 weeks of pregnancy.[2][3] In severe cases of the disease there may be red blood cell breakdown, a low blood platelet count, impaired liver function, kidney dysfunction, swelling, shortness of breath due to fluid in the lungs, or visual disturbances.[2][3] Pre-eclampsia increases the risk of undesirable outcomes for both the mother and the baby.[3] If left untreated, it may result in seizures at which point it is known as eclampsia.[2]

Risk factors for pre-eclampsia include [obesity](#), prior [hypertension](#), [older age](#), and [diabetes](#) mellitus.[2][4]



LET'S MAKE DATA TALK

Exploring results from Pre-eclampsia data



The image shows a Jupyter notebook titled "Pre-eclampsia" with the following code and output:

```
In [2]: import feyn
import pandas as pd

In [7]: data = pd.read_csv("adipokines-train.csv")
test = pd.read_csv("adipokines-test.csv")

In [4]: data

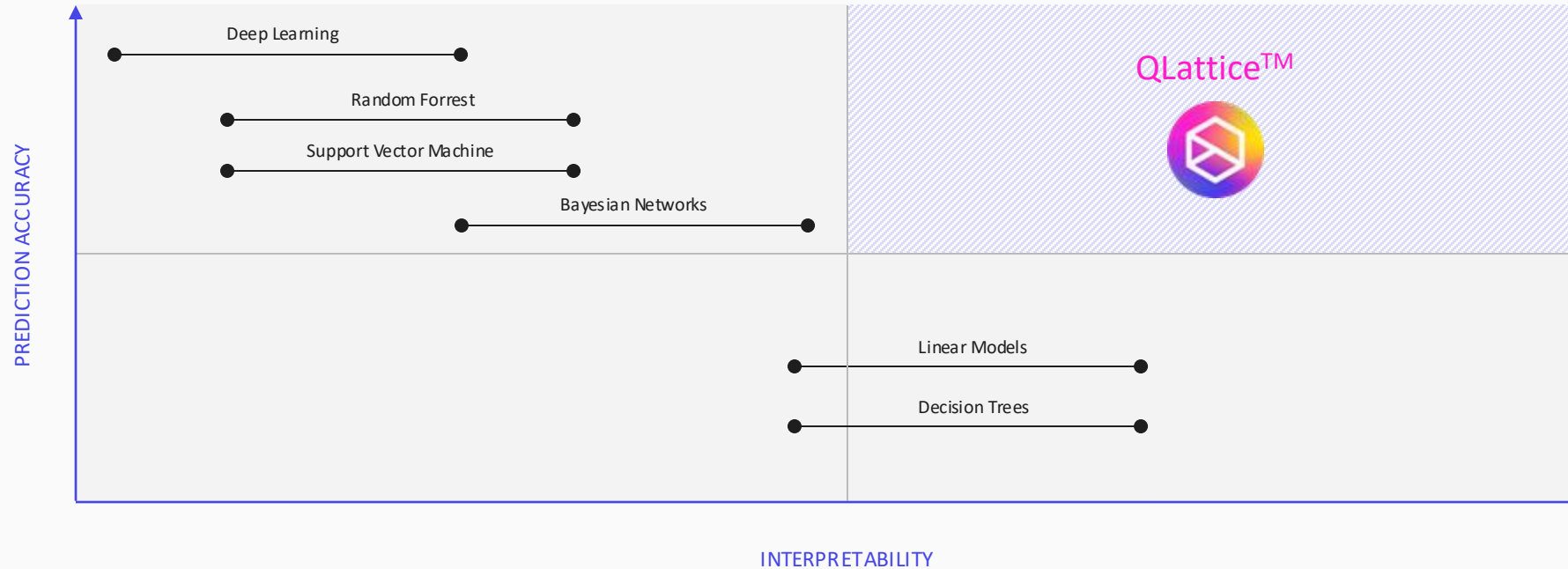
Out[4]:
```

	PAPP-A	Leptin	Adiponectin	Resistin	LsR	MW	MA	PE
0	2506	21830	4297	39240	61.20	66.0	29.423077	0
1	3443	39350	4871	25620	42.94	85.0	27.392857	0
2	1780	6467	4919	35930	30.90	59.0	32.230769	0
3	783	17300	2943	32120	40.90	51.0	29.467033	0
4	4575	13710	2906	58030	36.00	64.0	32.859685	0



THE QLATTICE

A new class of AI taking on the black-box challenge





THE COMPANY

The team behind Abzu

European

Based deep tech company

2 locations

Barcelona & Copenhagen

17 Abzoids

Highly skilled high-performance computing engineers and AI experts

7 nations

People gathered from Spain, Estonia, Germany, Denmark, US, Brazil, & Great Britain.

€ 7 Million

Raised in investments since Abzu's founding in February 2018.



Casper Wilstrup
CEO & CTO



Chris Cave
Mathematician (Ph.D.)



Elyse Sims
Marketing



Elizabeth Gil-Roldán
Solution & Project



Jaan Kasak
Data Scientist



Joan Prat Rigol
Software Developer



Jonas Nygreen
Commercial



Jonas Wilstrup
CFO & COO



Jonny Sloan
Senior Software Developer



Kevin Broløs
Software Engineer



Lykke Pedersen, Senior
Bioinformatician
(Ph.D.)



Martin Mathiassen
Product & Customer



Meera Machado
Data Scientist (Ph.D.)



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Victor Galindo
Software Engineer



CPH



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