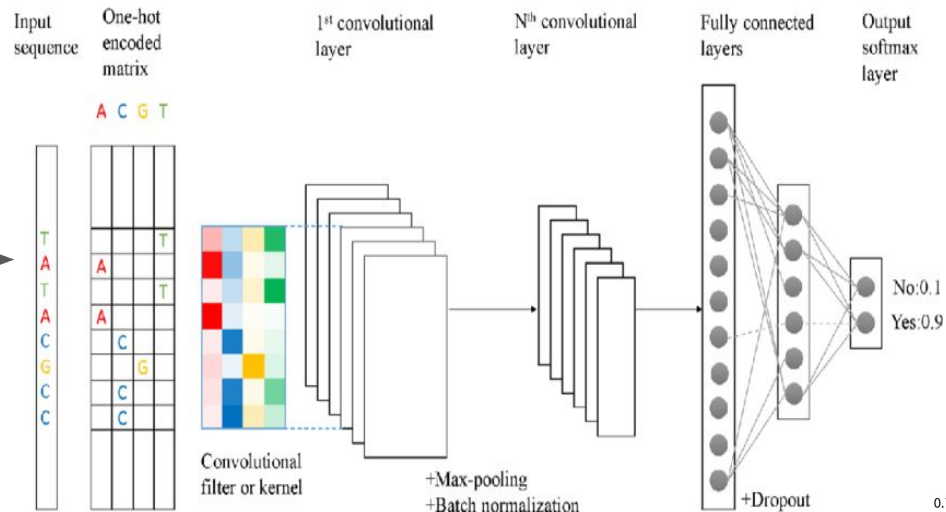


Hi!!

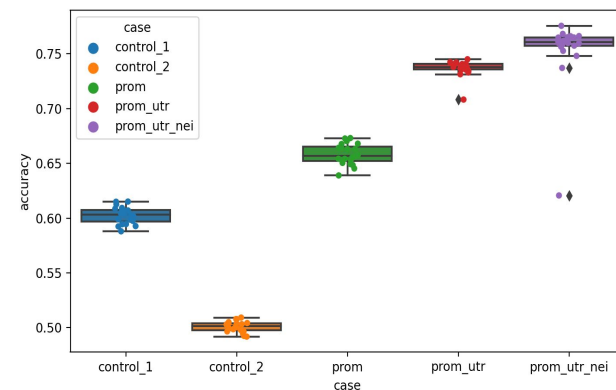
My name is Peleke Fritz. I was a master student in Bioinformatics/molecular biology at HS Mittweida.

Currently, I a first year PhD student in the network analysis and modelling group at IPK.

I am interested in AI and my PhD is geared towards the application of machine and deep learning in **OMICS**.



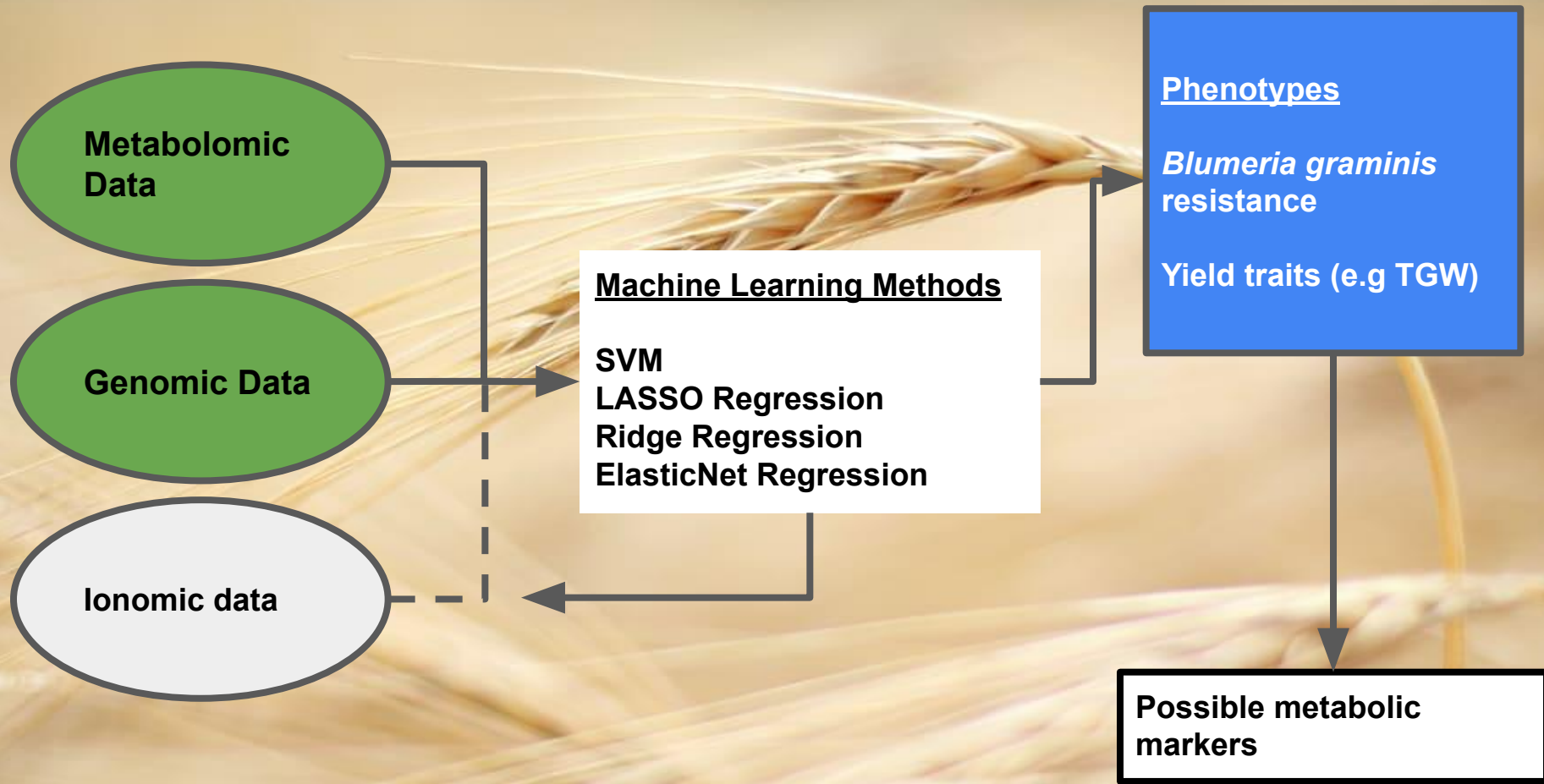
(Min, Xu, et al. "Predicting enhancers with deep convolutional neural networks." *BMC bioinformatics* 18.13 (2017): 35-46.)



Expression profile

Tomato Project

	Genome 1	Genome 2	Genome 3
Gene 1	0	0	23
Gene 2	342	33	123



Barley Project

My vision

- Improve present applications of ML/DL in plant science.
- Biology guided deep learning.

- Understand the link between genotype and the phenotype.
- Establish new connections that are hidden.

- Enhance agriculture and fight World hunger.