

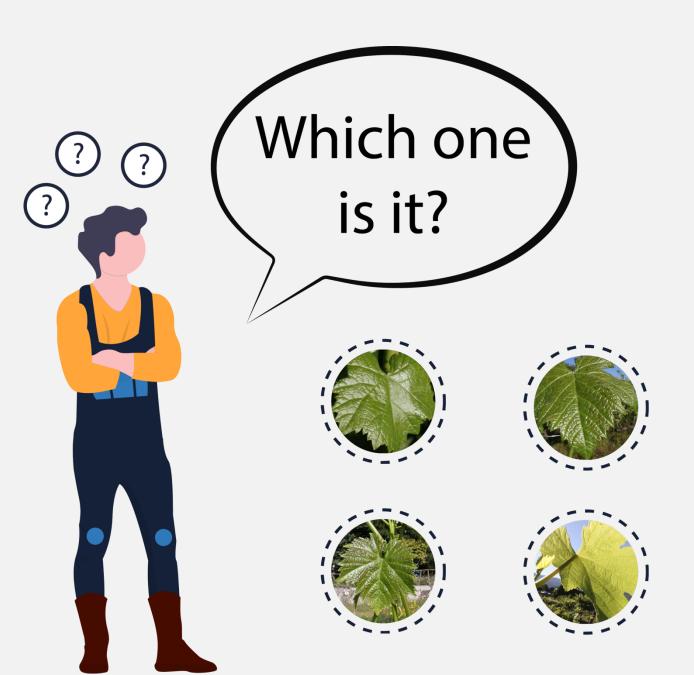
Building a community machine learning tool for agriculture and forest species identification

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Fun facts:

- Europe has world dominance in production, consumption and exports of wine
- Portugal has a long tradition in the production and export of wine
- Being Douro the first demarcated and regulated wine region in the world





The farmer needs to KNOW

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Current Challenges

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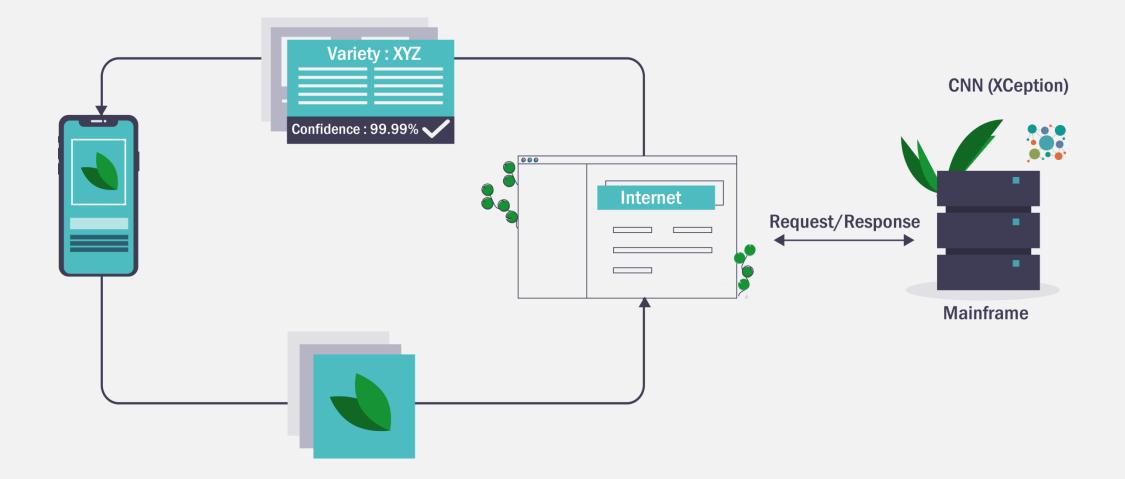
- Manual work done by instinct and experience
- Specialists growing older
- Slow and expensive process

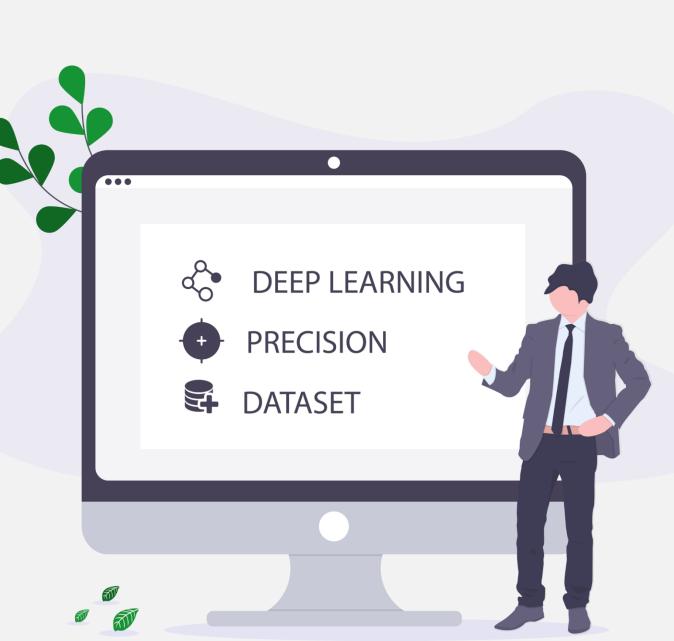
The Solution

- QuickEasySimple



The Solution, how?





Some boring data:

- Processing speed boosted by two paired graphic cards NVidea Quadro
- 60% training / 30% validation
 10% testing (dataset partitions)



Current State

- Under development
- Six species (Important for the Douro's Region)

Happy Farmer

- Easy tool
- Certified vines
- Quickness
- Cost-effectiveness











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