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# Helping teach kids to read

Recognition

Prediction

## Brief

Children that have difficulty learning to read are at a higher risk of experiencing disadvantage in later life. Yet despite parents' and teachers' best efforts, there can still be gaps in a child's learning and development structure. BookBot saw the potential for AI to help kids by using technology to provide a scalable, "always available" reading learning assistant.

## Solution

We worked with the BookBot team to develop a phoneme level voice recogniser which uses a trained machine learning model to recognise children's developing speech on a mobile phone. The resulting solution has been able to improve its recognition of sounds and now combines phonemes into words, which is all within the domain of a child's learning journey.

The result of our work with BookBot has enabled us to create a brand new voice recognition module through AI that is primed to enable BookBot to offer a world-first in education and AI, thanks to our Machine Learning capabilities.

*"What an absolutely amazing experience. I wish I could do this all the time! Well done to the team at Red Marble - extremely impressive machine learning ninjas!"*

- Adrian DeWitts, CEO @ BookBot