

Azure Video Search

Helps you Learn Better

Why ?

- Videos out there mine the text like descriptions.
- Speech is easier and faster to comprehend based on a Stanford Research study.
- A thought can transform to a big idea instantly.
- Visual content is easy to remember.
- Help us monetize by giving the user targeted ads based on content of watched videos.
- Keep user engagement. e.g.: give him similar songs to listen based on his/her preferred tunes

Which Technologies?

- Custom Speech Service
- Video Indexer API
- Node.JS
- Microsoft Azure

Challenges

- API took into account the text order
- Exact keywords
- Transcripts were exactly matched
- OCR Text was not accurate

What's next?

- We are going to make speech to speech possible.
- Design a page rank more efficient
- We are going to make our custom videos if there's no video in repository