



Tell us what your idea is

As rightly said by Einstein,

"Information is not knowledge"

And when it comes to knowing about anything, the first thing that comes to a user's mind is

"Let me Google it"

Depending upon the complexity of the topic, the user might spend few minutes to several months getting to understand and get a hold of the topic. Considering complex **"How to"** do something, the idea is to **automate the process of digging into several articles and videos for understanding and coming up with next steps by using NLP and deep learning to predict the next steps to take and connect with resources online/ near me stores according to user needs/inputs to get the thing done as quickly as possible.**

Example: Suppose, I want to purchase an inverter for my home, when I type "How to purchase inverter for home" we can get the result as shown in the picture.

- You can think of it as a **chatbot** for that particular **"how - to"**
- Neural net that can predict next steps for you for that particular task

Other areas: In **WikiHow** – we have wide range of how-to according to categories which can be utilized.

Using **Federated learning** individual learnings for complex topics can be fed back to central model. This allows for smarter models, lower latency, and less power consumption, all while ensuring privacy.

Overview Let's do it now Remind me later

Get hansfree, Use Assistant >

1

No of Fans 3

No of Lights 4

Backup hours 4

2 You would need 800VA inverter and 130 Ah battery. Cost incurred would be around ₹20,000

3 Do you prefer purchasing online/ offline?

4 Tips to read before purchase:
- Make sure you investigate about post sale services
And so on

Remind me later for step 1 could be:
Saturday 10 am -
1. Select what all electrical equipments you want to run
2. Select no of hours backup you need

Online would redirect to Google Shopping
Offline would suggest best near me stores

Hurray We are done :)



Tell us how you plan on bringing it to life.

For this to be completed and integrated, I would require Google's help in:

- Development of Deep learning models
- Architecture of Federated learning to deployment
- Integration with Search

Above is still in Ideation phase

I'm learning more about the technicalities & the idea itself

But I'm sure with your guidance, my dedication to deliver and state of the art NLP models like BERT we can surely see it live by May 2020 😊

Tell us about you.

"In permanent beta" is how I would introduce myself.

I'm currently working in UBS as Software Engineer and have graduated recently in 2018 as a CS grad from Pune University (VIT, Pune)

Interest in exploring what excites me most in college led me to doing projects in Android and NLP. Last year itself, for UBS an android app was developed & deployed within two month for Digital Summit of UBS.

I have also completed internship in a startup by collaborating in the software development lifecycle of chatbots that can cater to user queries and support questions for clients which gave me a good hands-on with NLP and ML.

Last month itself, I and my team have delivered Tech talk at the Digital Garage, UBS by creating well commented Jupyter notebooks around understanding building blocks of Neural Networks, Different architectures, Transfer Learning and NLP that has resulted into a community of 60+ AI enthusiasts.

Passion for impact, learning and previous hands on with Android and ML is what makes me think I can collaborate with Google experts and deliver this idea 😊

PFA my resume & [Github](#) projects for more details.