

Azure Developer  
*Community*



# Tamil Nadu

**Welcomes you**



# About Azure Developer Community



Azure Developer  
*Community*

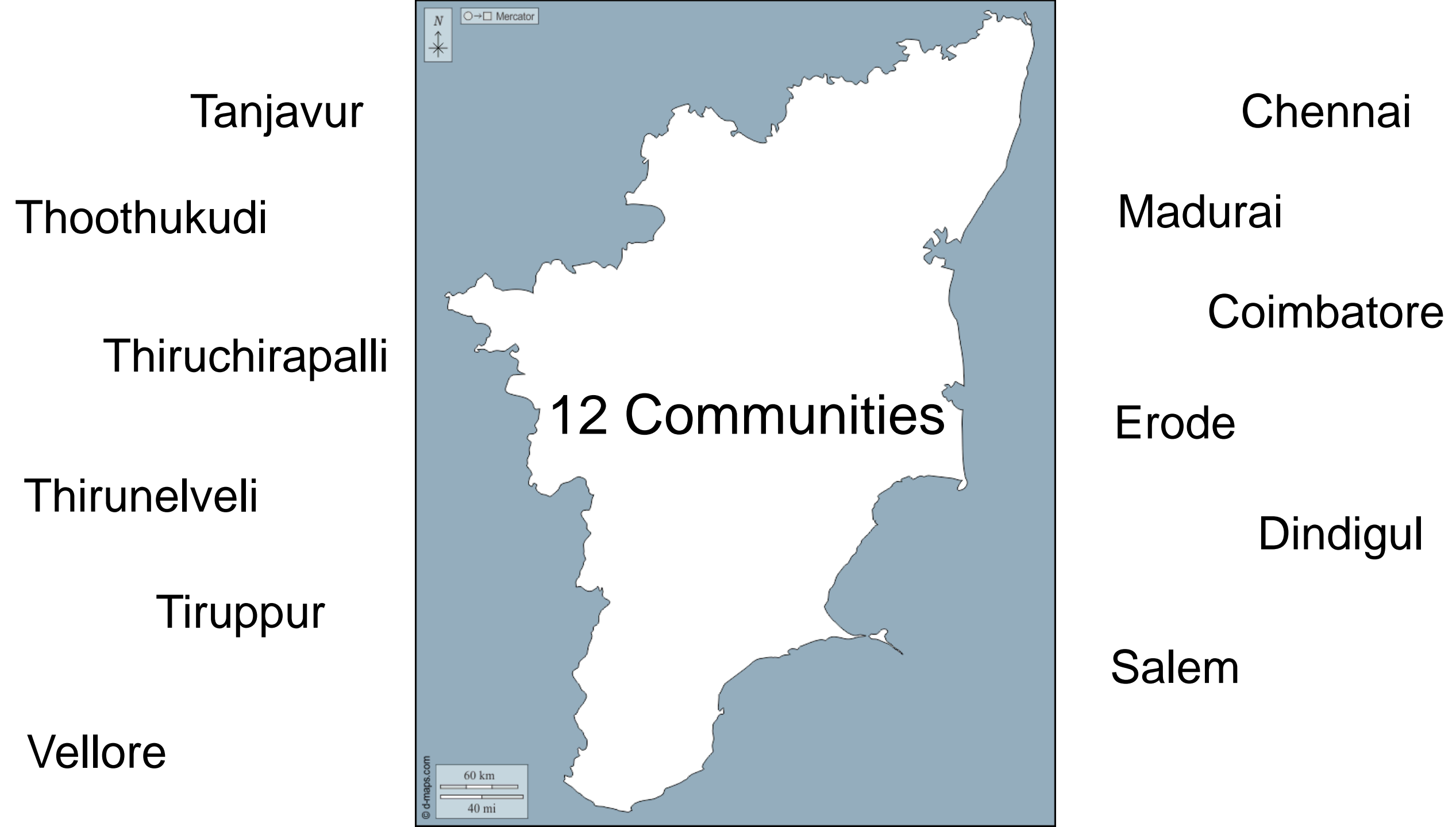
- <https://azdev.konfhub.com/>
- Operating in over 100+ cities in India
- Over 4000+ members

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# What we do?



Online Meetups



Network of Beginners,  
Professionals &  
Experts



Azure Cert Study Jam



Corporate / Startup  
Talk



Podcasts



Fun contests



Azure Developer  
*Community*  
Chennai

azdev.konfhub.com



Azure ML Series

## DEMO ON AZURE COGNITIVE SERVICES - TEXT ANALYTICS

**NAVANEETHAN GOPAL**

Senior Data Scientist, Ingram Micro

27th Sep 2021, 6.30 pm IST



# About me

- From Dindigul, Tamil Nadu
- Senior Data Scientist @ Ingram Micro
- 12 years of experience in Analytics, Reporting and data engineering
- Organizer at Azure Developer Communities – Tamil Nadu
- Microsoft Certified - Azure and AI Engineer

# Agenda

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Welcome Note

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Azure Cognitive services - Entity extraction

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Sentiment Analysis

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Language Detection

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Resources

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Conclusion

# Pre- requisites

- Target Audience:  
Level: Beginner  
The session is intended for developers and beginners who are new to Azure Cloud, Machine Learning and have experience in NLP.
- No Machine Learning experience required



# Azure Cognitive Services

- Build smarter, more engaging experiences with knowledge & intelligence services from Microsoft -Give your apps a human side

## Vision

- Computer Vision
- Customer Vision Service
- Face

## Speech

- Speech Service

## Language

- LUIS
- QnA Maker
- Text Analytics
- Translator

## Decision

- Anomaly Detector
- Content Moderator
- Personalizer

## Search

- Bing News, Video, Web, Custom, Entity, Image, Visual Search

# What are Azure Cognitive Services?

01

Azure pre-trained AI Services provide ready-made intelligence for your applications and workflows.

02

AI Services easily integrate with your applications to address common use cases such as personalized recommendations, modernizing your contact center, improving safety and security, and increasing customer engagement.

03

AI Services on Azure don't require machine learning experience

# Why Microsoft Cognitive Services ?

## Easy

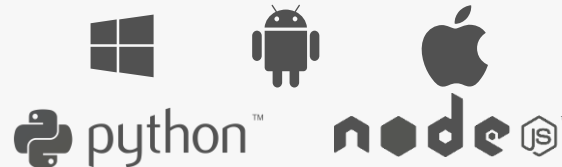
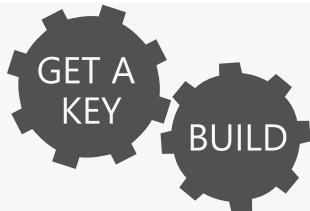
Roll your own with REST APIs  
Simple to add: just a few lines  
of code required

## Flexible

Make the same API code call on  
iOS, Android, and Windows  
Integrate into the language  
and platform of your choice

## Tested

Built by experts in their field from  
Microsoft Research, Bing, and Azure  
Machine Learning  
Quality documentation, sample code,  
and community support



# Do's/Don't

## Check

- Check the Azure Resources/Services cost before give a try

## Clean up

- Always clean up the unused resources

## Don't share

- Don't share the key with others

# Demo



# Learning Resources

Azure free account:

<https://azure.microsoft.com/en-in/free/>

QuickStart:

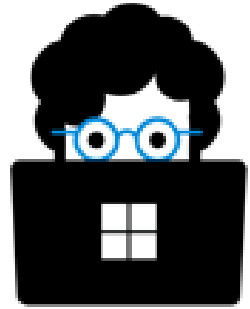
<https://docs.microsoft.com/en-us/azure/architecture/data-guide/technology-choices/natural-language-processing>

What is Azure Machine Learning?

[https://docs.microsoft.com/en-us/azure/machine-learning/overview-what-is-azure-machine-learning?wt.mc\\_id=AID3035581\\_QSG\\_PD\\_SCL\\_547447](https://docs.microsoft.com/en-us/azure/machine-learning/overview-what-is-azure-machine-learning?wt.mc_id=AID3035581_QSG_PD_SCL_547447)

Open for QnA

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# We are in Clubhouse!!!!

Join us for more amazing audio sessions, discussions, guidance, tricks and tips, certification & fun contests



**Clubhouse**  
Drop-in Audio

## AZURE DEV COMMUNITY

Thank you

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