

VORITHM GENERATIVE AI

TECHNOLOGY CHANGES THE FUTURE

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Curriculum Outline



Deep Learning Fundamentals

- Neural Networks
- Optimization & Regularization

Build neural net for digit classification



Embeddings & Word2Vec

- CBOW & Skip-gram
- Semantic Search

Semantic search engine with Word2Vec



RNNs & LSTMs & GRUs

- Vanishing Gradients
- LSTM vs. GRU

Text generation (poetry) using LSTM



Transformers

- Attention-Mechanisms
- Encoder-Decoder

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Spam detection using TFIDF & Logistic Regression

Large Language Models (LLMs)

- GPT, T5, LLaMA
- Attention Types

QA bot using FLAN-T5 or GPT-2

Retrieval-Augmented Generation

- Dense Retrieval
- Hybrid Search

RAG-powered chatbot for PDF/Docs

Deployment & Optimization

- Gradio & Streamlit
- Model Quantization

Upskill Yourself with Vortihm's Generative AI Live Classes

Program Highlights

- Weekly Hands-On Labs
- NLP & Deep Learning Focus

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Session

Join Our Free Session



Live
Virtual
Classes



Cutting-
Edge
AI Tools

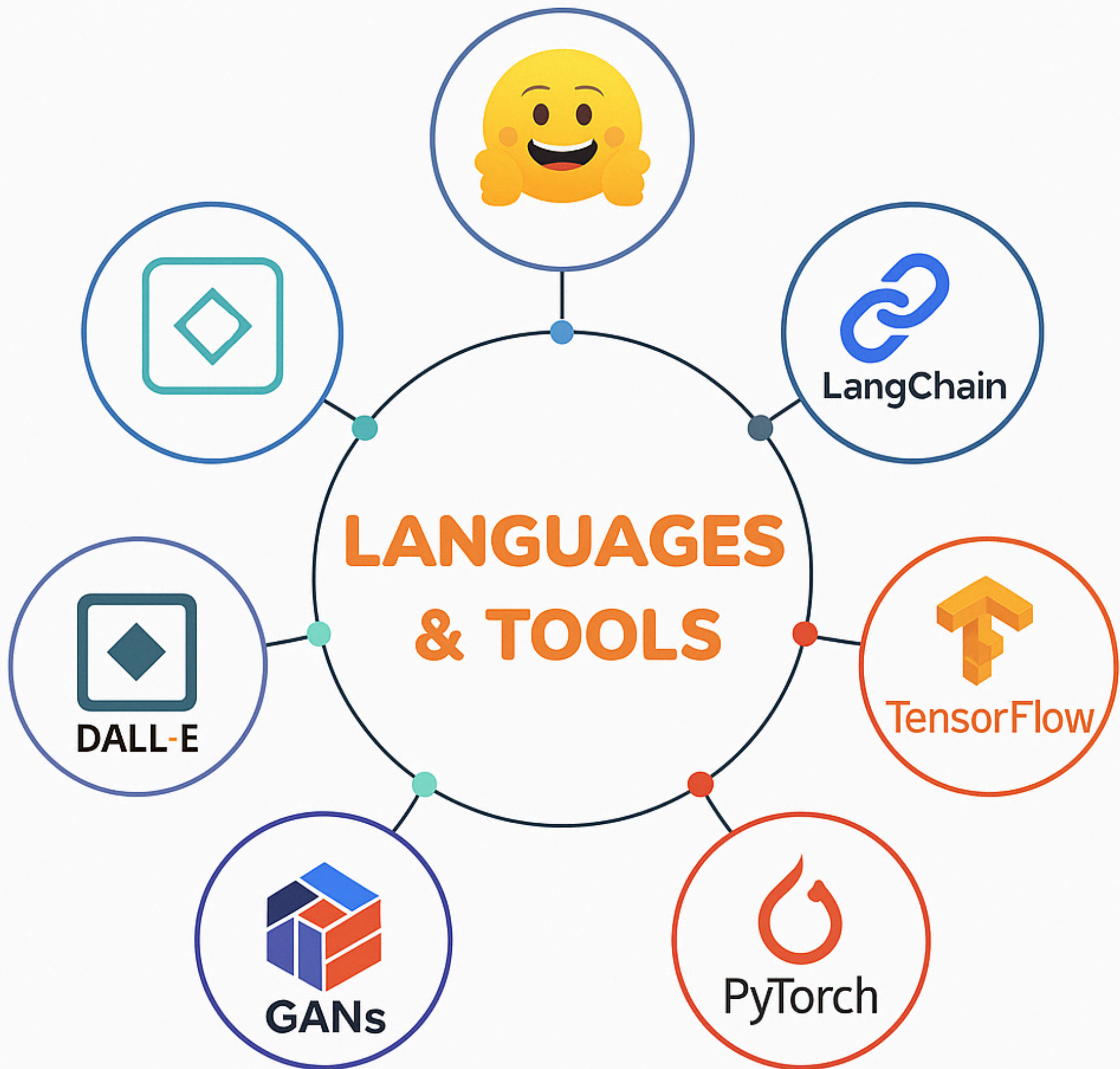


Real-
World AI
Case
Studies



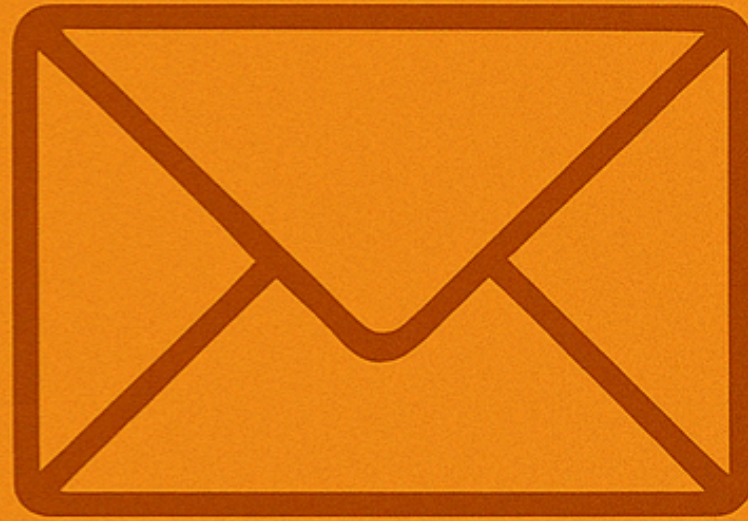
Integrated
Soft Skills
Training

Generative AI Tools Covered



CONTACT US

We're here for you!



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