

Vocational Course: AI for Arts, Humanities and Social Science

VOC161

UNIT 1: Introduction to AI tools

1. **Introduction to AI in Practice.**
Overview of AI tools like ChatGPT, DALL·E, and Grammarly.
2. **Prompt Engineering.**
Writing effective prompts to guide AI responses.
3. **AI for Research and Writing.**
Summarization, translation, and research assistance.
4. **Creative Content Generation.**
Generating visuals, ideas, and text using AI tools.

UNIT 2: Data Analysis and Visualization for Non-Technical Fields

1. **Introduction to AI and Data.**
What is data in AI? Structured vs. unstructured data.
2. **AI-Powered Analysis,**
Tools like Google Sheets (Explore feature) and Tableau Public.
3. **Text Analysis in the Humanities and Law.**
Sentiment analysis and topic modeling.
4. **Data Visualization.**
Using AI tools to create graphs, maps, and visual summaries.

UNIT 3: AI for Creative and Professional Projects

1. **Generative AI in the Arts.**
Using AI for storytelling, art creation, and music.
2. **AI in Legal Workflows.**
Automating contract review, legal research, and case preparation.
3. **Creative Writing with AI.**
Writing scripts, poems, and essays collaboratively with AI.
4. **Multimedia Production.**
Creating videos, podcasts, and presentations with AI tools.

UNIT 4: Building and Customizing AI Models Without Coding

1. **No-Code Platforms.**
Introduction to tools like Teachable Machine, Runway ML, and Chatbot.com.
2. **Building Custom Models.**
Train a basic classifier for text, image, or sound tasks.
3. **Chatbot Development.**
Create a chatbot for FAQs in law, arts, or education.
4. **AI Fine-Tuning.**
Tailoring pre-existing models for specific use cases.