



Prompt Engineering

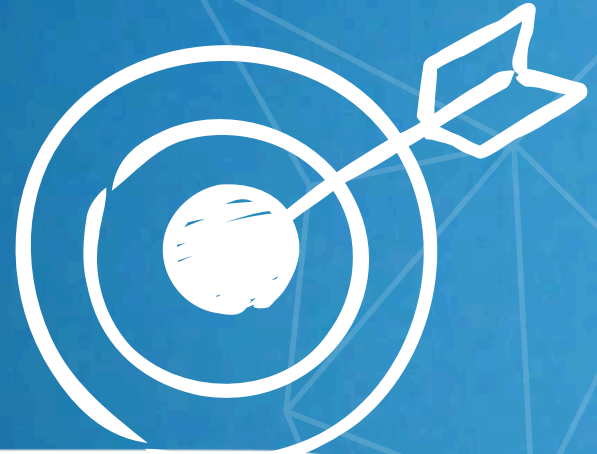
About Us

Learnify is the MSME and Startup India verified destination for professionals in product, growth, design, management, business, tech, and data. It provides curated, hands-on learning from industry experts to instantly enhance skills, foster innovation, and empower you within a global community.



Our **Vision** & **Mission**

Learnify, MSME and Startup India verified, teaches millions technical skills with expert-led, hands-on courses for career growth.



VISION



The vision of Learnify is to revolutionize education through the seamless integration of technology, creating a direct path from skill acquisition to job readiness.



Our mission is to provide personalized and engaging learning experiences for students of all ages by leveraging digital tools, virtual platforms, and data-driven insights to ensure effective skill mastery and career readiness.



MISSION

Prompt Engineering



COURSE CURRICULUM

1. FUNDAMENTALS OF PROMPT ENGINEERING

- Understand what prompts are and how they drive AI outputs
- Explore the architecture of LLMs (like GPT, Claude, Gemini)
- Introduction to Generative AI (Text, Image, Audio, Video)

Prompt



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2.

STRUCTURE & SYNTAX OF EFFECTIVE PROMPTS

- Learn the structure of clear, concise, and goal-oriented prompts
- Understand prompt variables, delimiters, and instructions



3. INTERMEDIATE PROMPTING TECHNIQUES

- Explore advanced prompt types for reasoning, creativity, and coding
- Introduce chain-of-thought (CoT) and few-shot prompting



4. PROMPTING ACROSS MODALITIES

- Use AI prompts for text, image, video, and audio generation
- Learn prompt customization for different creative tools

5. CRAFTING STRUCTURED PROMPTS

- Prompt Components (Role, Task, Context, Format)
- Writing Instruction-Based Prompts
- Using Parameters (Tone, Style, Word Limit)
- Avoiding Hallucination and Misinterpretation

6.

INTERMEDIATE TECHNIQUES

- **Few-Shot & Zero-Shot Prompting**
- **Chain-of-Thought Prompting**
- **Step-by-Step Logical Prompts**
- **Multi-Turn Conversation Handling**



7. PROMPTING FOR DIFFERENT MODALITIES

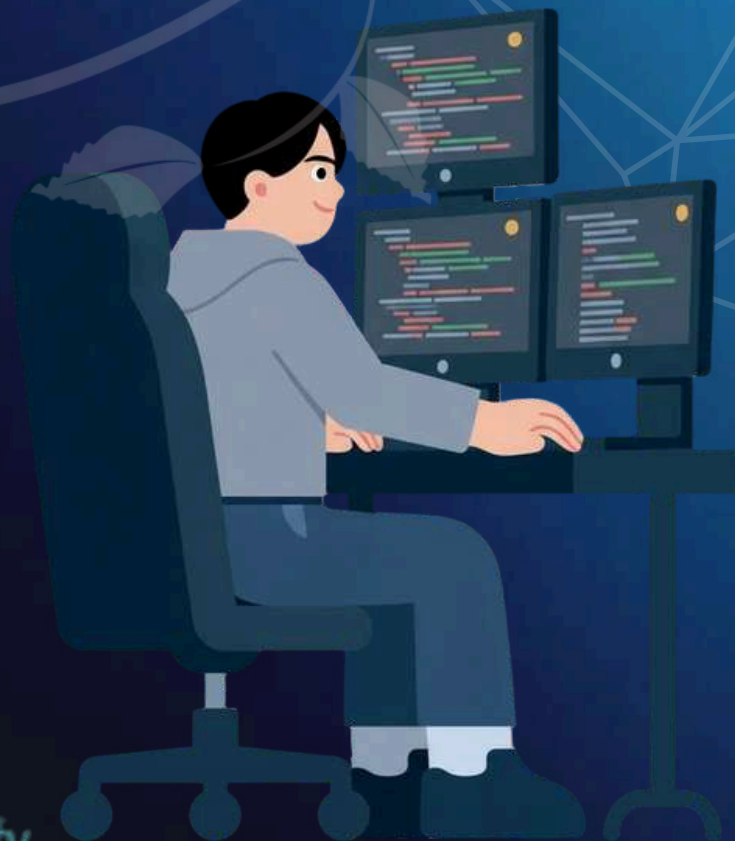
- **Text-to-Image:** Midjourney, DALL-E, Leonardo AI
- **Text-to-Video:** Runway ML, Pika Labs
- **Text-to-Audio:** ElevenLabs, Mubert Multi-modal Prompt Integration



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8. ADVANCED PROMPT ENGINEERING

- Prompt Chaining & Recursion Role-Based
- & Contextual Prompts Function Calling
- API Integration Dynamic Variables & Data-driven Prompts



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9. PROMPTING FOR CODING & DATA

- Writing Code with Prompts
- Debugging & Code Optimization
- Data Summarization & Table Generation
- Data Cleaning & Pattern Extraction



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10. WORKFLOW AUTOMATION WITH PROMPTS

- Using Prompts with APIs Automation Tools
- (Zapier, Make, Notion AI) Auto-generating
- Reports, Blogs, and Social Posts Workflow Design
- with Trigger-based Prompts



11.

CREATING CUSTOM GPTS & AI AGENTS

- Building Custom GPTs (via OpenAI Builder)
- Defining Personas & Memory
- Embedding Custom Knowledge
- Testing & Deployment



12. ETHICAL PROMPTING & EVALUATION

- Responsible Prompting Practices
- Data Bias, Safety & Transparency
- Evaluating AI Output Quality
- The Role of Human Oversight



13.

RESEARCH-BASED PROJECTS

- **AI Brand Generator (Logo, Tagline, Copywriting)**
- **AI Research Assistant (Summarization + Citation)**
- **AI Automation Workflow (Marketing or Education)**
- **Custom GPT Builder (Domain Expert Bot)**



14.

RESUME BUILDING & PROFILE OPTIMIZATION

- **Crafting an ATS-friendly resume tailored to tech roles**
- **Optimizing LinkedIn & GitHub profiles**
- **Writing impactful career objectives and summaries**

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15. APTITUDE & LOGICAL REASONING

- **Quantitative Aptitude: Speed, Accuracy & Problem Solving**
- **Logical Reasoning: Puzzles, Patterns & Data Interpretation**
- **Mock Tests and Time Management Strategies**



16.

COMMUNICATION & SOFT SKILLS

- **Verbal Communication: Public Speaking & Presentation Skills**
- **Email Etiquette and Business Communication**
- **Teamwork, Leadership, and Professional Behavior**



17.

TECHNICAL INTERVIEW TRAINING

- Core DS Interview Concepts & Q&A Practice
- Hands-on Coding Interview Sessions (Python & Data Structures)
- Whiteboard Problem Solving & Project Discussion Tips



18. HR & BEHAVIORAL INTERVIEW PREPARATION

- Understanding HR Questions & Framing STAR-Method
- Answers Mock HR Interviews with Personalized Feedback
- Building Confidence and Positive Body Language



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19.

INTERNSHIP & JOB ASSISTANCE

- Access to Learnify's Hiring Partner Network
- Internship Opportunities with EdTech & AI Startups
- Job Alerts, Career Counseling & Placement Support



20.

CERTIFICATION & CAREER SUPPORT

- **Learnify Certificate of Completion**
- **MSME & Startup India Certification**
- **Resume Building & LinkedIn Optimization**



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