

PATHFINDERAI - Learning Path Content

1. Learning Domains

- Frontend Development
- Cybersecurity
- UI/UX Design
- Data Science
- Artificial Intelligence & Machine Learning

2. Sample Skill Roadmaps

Frontend Development: HTML to CSS to JavaScript to React to Git to APIs

Data Science: Excel to Python to Statistics to Pandas/Numpy to ML Basics

Cybersecurity: Networking to OS Basics to Kali Linux to Cryptography to Ethical Hacking

3. Trusted Learning Platforms

- Coursera
- edX
- IBM SkillsBuild
- YouTube (e.g., FreeCodeCamp)
- Udemy

4. Career Tracks

- UI Designer to UX Researcher to Product Designer
- Data Analyst to Data Scientist to ML Engineer
- Ethical Hacker to Security Analyst to Cybersecurity Specialist

5. How to Choose the Right Course

- Check prerequisites and your current skill level
- Consider duration and expected effort
- Look for peer reviews and ratings
- Ensure the course aligns with your long-term goals

6. Smart Learning Tips

- Set realistic weekly learning goals
- Practice with mini-projects
- Join peer communities or study groups
- Review and revise regularly
- Ask questions through AI agents like PATHFINDERAI