

[Skip intro →](#)



Launch Your Dream Career

Transform your career aspirations into reality with personalized, step-by-step learning roadmaps designed for success.



[◀ Previous](#)

[Next ▶](#)

 Search 100+ Career Paths

What's Your Dream Career?

Search for any profession and get a personalized roadmap to achieve your goals



Search for any career... (e.g., Software Engineer, Data Analyst, UI/UX Designer)

Search 

Popular Searches



Software Engineer
 +23% demand



AI/ML Engineer
 +45% demand



Full Stack Developer
 +18% demand



Cloud Architect
 +32% demand



Mobile Developer
 +15% demand



Blockchain Developer
 +67% demand

Fastest Growing Careers



AI Engineer

High demand & salary

 89%

growth



Blockchain Developer

High demand & salary

 67%

growth

⚡ Fastest Growing Careers Hot



AI Engineer

High demand & salary

↗ **89%**

growth



Blockchain Developer

High demand & salary

↗ **67%**

growth



Cloud Architect

High demand & salary

↗ **54%**

growth



Data Engineer

High demand & salary

↗ **43%**

growth

☆ Not sure what to search?

Browse our curated collection of career paths across technology, design, and business

[Browse All Careers →](#)

Career Roadmap Generator

Get a personalized step-by-step learning roadmap to achieve your career goals

 Search for your dream career...

 Software Development

Frontend Developer

Build user interfaces and web applications

DevOps Engineer

Automate deployment and infrastructure

 Data & Analytics

Data Scientist

Analyze data and build ML models

 Design

UX Designer

Design user experiences and interfaces

Healthcare**Registered Nurse**

Provide patient care and medical support

Medical Doctor

Diagnose and treat patient illnesses

Physical Therapist

Help patients recover mobility and manage pain

Clinical Psychologist

Provide mental health assessment and therapy

Agriculture**Agricultural Scientist**

Research and develop farming methods

Farm Manager

Oversee agricultural operations and production

Agricultural Engineer

Design farming equipment and systems

Soil Scientist

Study soil composition and management

Social Services**Social Worker**

Support individuals and families in need

Counselor

Provide guidance and mental health support

NGO Program Manager

Lead nonprofit programs and initiatives

Community Health Worker

Promote health in underserved communities

 AI-Powered Learning Paths

Career Roadmap Generator

Get a personalized step-by-step learning roadmap to achieve your career goals

 Search for your dream career...

 Software Development

Frontend Developer

Build user interfaces and web applications

DevOps Engineer

Automate deployment and infrastructure

 Data & Analytics

Data Scientist



Analyze data and build ML models

 Design

UX Designer

Design user experiences and interfaces

Environment

Environmental Scientist

Study and protect the environment

Sustainability Consultant

Help organizations adopt sustainable practices

Conservation Officer

Protect wildlife and natural resources

Creative

Graphic Designer

Create visual content and branding

Content Writer

Write engaging content for various platforms

Video Editor

Edit and produce video content

❖ **Generate My Roadmap**

[← Back to Career Selection](#)

[Share](#)

[Export PDF](#)

Your Progress

0 of 4 phases completed

v

0%

Data Scientist Roadmap

Analyze complex data and build predictive models using machine learning



Total Duration
8-12 months



Learning Phases
4 Phases



Success Rate
High

Your Learning Journey

Follow these structured phases to master the skills and achieve your career goal

1

Foundation

8-10 weeks

Math & Programming Basics

Skills to Learn

Python | Statistics | Linear Algebra | Probability | SQL

Tools & Technologies

Python | Jupyter Notebook | NumPy | Pandas | MySQL

Action Steps

- Learn Python programming
- Study statistics fundamentals

- Learn Python programming
- Study statistics fundamentals
- Master SQL queries
- Complete math refresher
- Setup data science environment

□ Recommended Resources

Khan Academy Statistics, Python for Data Science, SQLZoo, Coursera Math courses

Your Progress

0 of 4 phases completed



0%

2

Data Analysis

⌚ 6-8 weeks

Data Wrangling & Visualization

⌚ Skills to Learn

Data Cleaning EDA Data Visualization Feature Engineering

🔧 Tools & Technologies

Pandas Matplotlib Seaborn Plotly Tableau

⌚ Action Steps

- Clean and process datasets
- Perform exploratory data analysis
- Create meaningful visualizations
- Work on Kaggle datasets
- Build data analysis portfolio

□ Recommended Resources

Kaggle Learn, Pandas Documentation, Tableau Public, DataCamp

3

Machine Learning

⌚ 10-12 weeks

ML Algorithms & Models

⌚ Skills to Learn

Supervised Learning Unsupervised Learning Model Evaluation Deep Learning Basics

🔧 Tools & Technologies

Scikit-learn TensorFlow Keras XGBoost MLflow

🕒 Action Steps

- Learn ML algorithms
- Build classification models
- Create regression models
- Participate in Kaggle competitions
- Deploy a simple ML model

📋 Recommended Resources

[Coursera ML Course](#), [Scikit-learn Docs](#), [Fast.ai](#), [Kaggle Competitions](#)

4

Job Ready

⌚ 6-8 weeks

Portfolio & Specialization

⌚ Skills to Learn

Model Deployment Cloud Services Communication Domain Knowledge

🔧 Tools & Technologies

Docker AWS/GCP Flask/FastAPI Git Streamlit

Model Deployment Cloud Services Communication Domain Knowledge

🔧 Tools & Technologies

Docker AWS/GCP Flask/FastAPI Git Streamlit

✅ Action Steps

- Deploy 3 end-to-end projects
- Learn cloud basics (AWS/GCP)
- Create professional portfolio
- Practice case interviews
- Network in data science community

💡 Recommended Resources

[Towards Data Science](#), [AWS Free Tier](#), [Medium Articles](#), [Data Science Interviews](#)

Ready to Start Your Journey?

This roadmap is your guide to success. Stay consistent, practice regularly, and don't hesitate to seek help from communities and mentors along the way.

Get Started Today

Find a Mentor

Explore Job Opportunities

💡 Future Update: AI-powered personalized guidance coming soon!

 **Job Opportunities**

Data Scientist Positions

Search jobs... All Types

Junior Data Scientist Full-time

DataTech Solutions

⌚ Remote ⚡ \$ 75k - \$95k ⚪ 0-2 years ⚡ 2 days ago

Analyze data and build ML models. Work with cutting-edge tech stack.

Python SQL Statistics Machine Learning

[Apply Now](#)

Data Analyst Full-time

FinTech Innovations

⌚ Austin, TX ⚡ \$ 65k - \$85k ⚪ 1-3 years ⚡ 5 days ago

Transform data into actionable insights. Great benefits and growth opportunity.

SQL Python/R Tableau Statistics

[Apply Now](#)

More opportunities available on [Indeed](#), [LinkedIn](#), and [Glassdoor](#)

BB
BB

CO
CO