

Where to Begin Your Coursera Learning Journey

01

Look over Orientation courses

02

After choosing & completing 1-2 of those, determine which category your project falls under

03

Choose which courses included in that category will best apply to your project

04

Finish the parts of those courses that will best expand your skillset related to your project

Learning Data Science

These are the orientation offerings to begin your Coursera journey.

01

Learning How to Learn

02

A Crash Course in Data Science

03

Python Data Structures

04

What is Data Science?

05

Mind shift: Break Through Obstacles to Learning

06

Data Science in Real Life

07

Data Science Methodology

Data Analysis & Programming

Computational methods and tools for data collection, modeling, processing, and analysis

01 Python for Data Science, AI & Development

02 Python for Everybody

03 Python Data Structures

04 Tools for Data Science

05 Applied Data Science with Python

06 Python 3 Programming

07 Algorithmic Toolbox

08 Algorithms, Part I

09 Algorithms, Part II

10 Data Manipulation at Scale: Systems and Algorithms

11 Introduction to Structured Query Language (SQL)

12 SQL for Data Science

13 Google Cloud Fundamentals: Core Infrastructure

14 Object-Oriented Design

15 Databases & SQL for Data Science with Python

16 Essential Google Cloud Infrastructure: Foundation

17 Introduction to TensorFlow...

18 Sequence Models

Data Science Statistical Literacy

Probability theory, Descriptive statistics, Inferential statistics, Matrix algebra, Calculus

01

Mathematics for
Machine Learning

02

Mathematical
Biostatistics Boot
Camp 1

03

Mathematical
Biostatistics Boot
Camp 2

04

Bayesian
Methods for
Machine Learning

Machine Learning

Data Science Machine Learning Literacy

01

Structuring Machine Learning Projects

02

Introduction to Deep Learning

03

Introduction to TensorFlow

04

Convolutional Neural Networks

05

Neural Networks and Deep Learning

06

Applied Machine Learning in Python

07

How Google Does Machine Learning

08

Advanced Machine Learning & Signal Processing

09

Google Cloud Big Data & Machine Learning Fundamentals

10

Convolutional Neural Networks in TensorFlow

11

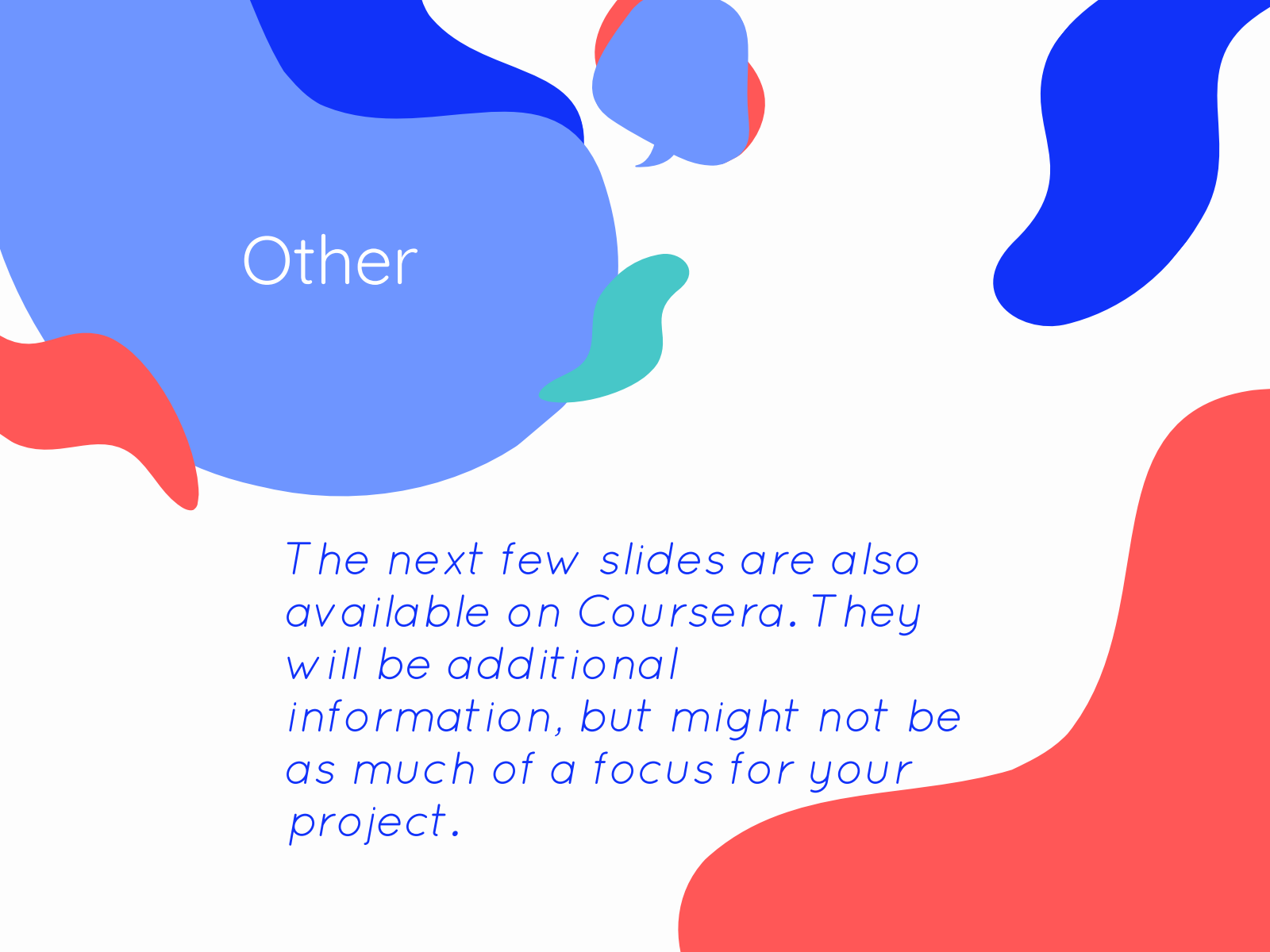
Improving Deep Neural Networks

12

Natural Language Processing

13

Applied AI with DeepLearning

The background features several large, organic, abstract shapes in blue, red, and teal. A large light blue shape on the left contains the word "Other". A smaller blue speech bubble is positioned above it. A red shape is at the bottom right, and a teal shape is near the center. The overall style is modern and minimalist.

Other

The next few slides are also available on Coursera. They will be additional information, but might not be as much of a focus for your project.

Data Visualization

Data Visualization principles, methods, and tools

01 Data Visualization

02 Fundamentals of Visualization with Tableau

03 Data Visualization & Communication with Tableau

04 Python Data Visualization

05 Data Visualization with Python

06 Information Visualization: Applied Perception

07 Information Visualization: Foundations

08 Understanding & Visualizing Data with Python

09 Communicating Data Science Results

10 Essential Design Principles for Tableau

Data Governance & Ethics

*Ethical Literacy in Data
Science Practice*

01

Data Science Ethics

Leadership

Develop skills in: Adaptive Leadership, Decision-making, Program Management, Integrity in the Workplace

01

Systems Thinking in Public Health

02

Data Science Ethics

03

High Performance Collaboration

04

Inspiring & Motivating Individuals

05

Building your Leadership Skills

06

Exploring & Producing Data for Business Decisions-Making

07

Mindware: Critical Thinking for the Information Age

08

Model Thinking

09

Fundamentals of Project Planning & Management

10

Initiating & Planning Projects

11

Managing Project Risks & Changes

12

Ethical Leadership Through Giving Voice to Values

Teamwork & Collaboration

*Develop skills in:
Collaboration/ Partnering,
Conflict Management,
Diversity / Cross-Culture
Management, Problem
Solving*

01

Creativity Toolkit I:
Changing
Perspectives

02

Creativity Toolkit II:
Creative
Collaboration

03

Teamwork Skills:
Communicating
Effectively in
Groups

04

Giving Helpful
Feedback

05

Mediation & Conflict
Resolution

06

Conflict
Transformation

07

Personality Types at
Work

08

International &
Cross-Cultural
Negotiation

09

Business English for
Cross-cultural
Communication

10

Women in
Leadership: Inspiring
Positive Change

11

Diversity & Inclusion
in the Workplace

12

Design Thinking for
Innovation

13

Business Metrics for
Data-Driven
Companies

14

Evaluating Problems

Professional Development

Develop skills in: Communications (written and oral), Productivity, Professional Development

01

Speaking to Inform:
Discussing Complex
Ideas...

02

Design & Make
Infographics

03

Learning How to
Learn: Powerful
mental tools...

04

Exploring Emerging
Technologies for
Lifelong...

05

Communication
Strategies for a
Virtual Age

06

Successful
Presentation

07

English for Effective
Business Speaking

08

Transmedia
Storytelling

09

Presentation Skills:
Speechwriting &
Storytelling

10

Building Your
Leadership Skills

11

Self Awareness &
the Effective Leader

12

Business English for
Cross-cultural
Communication

13

High-Impact
Business Writing