



Peter Ndiforchu



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Information overload is the new global pandemic

Online learning has never been easier

It has also resulted in a landmine of courses that add no value to learners

Here are 12 courses you should consider when transitioning careers to data analytics:



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1. Google Data Analytics Professional Certificate



Google Data Analytics Professional Certificate

This is your path to a career in data analytics. In this program, you'll learn in-demand skills that will have you job-ready in less than 6 months. No degree or experience required.



Instructor: [Google Career Certificates](#)

Top Instructor

Enroll for Free
Starts Oct 4

Financial aid available

1,795,211 already enrolled

Included with [coursera PLUS](#) • [Learn more](#)

Professional Certificate - 8 course series

Earn a career credential that demonstrates your expertise

4.8 ★ (121,375 reviews)

Beginner level

Recommended experience ⓘ

6 months at 10 hours a week

Flexible schedule

Learn at your own pace

Earn degree credit

[Learn more](#)

[View all courses](#)




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2. Google Business Intelligence Professional Certificate

[Home](#) > [Browse](#) > [Data Science](#) > [Data Analysis](#)



Google Business Intelligence Professional Certificate

Learn in-demand skills like data modeling, data visualization, and dashboarding and reporting in less than 2 months.

Instructor: [Google Career Certificates](#)
[Top Instructor](#)

[Enroll for Free](#)
Starts Oct 4

Financial aid available

32,318 already enrolled

Included with [coursera PLUS](#) • [Learn more](#)

Professional Certificate - 3 course series
Earn a career credential that demonstrates your expertise

4.7 ★ (571 reviews)

Advanced level
Recommended experience ⓘ

2 months at 10 hours a week

Flexible schedule
Learn at your own pace

Earn degree credit
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3. Tableau Business Analyst Professional Certificate


IN COLLABORATION WITH



from Salesforce

Tableau Business Intelligence Analyst Professional Certificate

Launch your career in Data Analytics. Build in-demand skills and gain credentials to go from beginner to job-ready in 8 months or less. No degree or prior experience required.

 Instructor: [Tableau Learning Partner Instructor](#)

Enroll for Free
Starts Oct 4

Financial aid available

2,204 already enrolled

Included with [Coursera Plus](#) • [Learn more](#)

Professional Certificate - 8 course series
Earn a career credential that demonstrates your expertise

4.8 ★ (18 reviews)

Beginner level
Recommended experience ⓘ

8 months at 10 hours a week

Flexible schedule
Learn at your own pace

[View all courses](#)

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4. Meta Marketing Analytics Professional Certificate – Data Analytics with Spreadsheets and SQL Module

Meta Marketing Analytics Professional Certificate

Enroll for Free
Starts Oct 4

AboutOutcomesCoursesTestimonials

Introduction to Data Analytics

Course 2 • 14 hours • 3.8 ★ (286 ratings)

Data Analysis with Spreadsheets and SQL

Course 3 • 25 hours

What you'll learn

This course introduces you to how to use spreadsheets and SQL queries to analyze and extract data. You will learn how to practically apply the OSEM data analysis framework and spreadsheet functions to clean data, calculate summary statistics, evaluate correlations, and more. You'll also dive into common data visualization techniques and learn how to use dashboards to tell a story with your data.

By the end of this course you will be able to:

- Clean data with spreadsheets
- Use common spreadsheet formulas to calculate summary statistics
- Identify data trends and patterns
- Write foundational SQL statements and queries to extract data in spreadsheets
- Create charts in Google Sheets and use Tableau to visualize data
- Use dashboards to create data visualizations

You don't need marketing or data analysis experience, but should have basic internet navigation skills and be eager to participate. Ideally you have already completed course 1: Marketing Analytics Foundation and course 2: Introduction to Data Analytics in this program.

[Read less](#)

Skills you'll gain

Course details ▾

Course details ▴

Meta

1 Course • 155 learners

Anke Audenaert
Meta
27 Courses • 492,214 learners

Cameron Dodd
Meta
1 Course • 14,482 learners

[View all 4 instructors](#)

Offered by

Meta

Meta
[Learn more](#)




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5. Meta Marketing Analytics Professional Certificate – Python Data Analytics

 Meta Marketing Analytics Professional Certificate

Enroll for Free
Starts Oct 4

AboutOutcomesCoursesTestimonials

Python Data Analytics

Course 4 • 26 hours

[Course details](#)

What you'll learn

This course introduces the use of the Python programming language to manipulate datasets as an alternative to spreadsheets. You will follow the OSEMN framework of data analysis to pull, clean, manipulate, and interpret data all while learning foundational programming principles and basic Python functions. You will be introduced to the Python library, Pandas, and how you can use it to obtain, scrub, explore, and visualize data.

By the end of this course you will be able to:

- Use Python to construct loops and basic data structures
- Sort, query, and structure data in Pandas, the Python library
- Create data visualizations with Python libraries
- Model and interpret data using Python

This course is designed for people who want to learn the basics of using Python to sort and structure data for data analysis.

You don't need marketing or data analysis experience, but should have basic internet navigation skills and be eager to participate. Ideally, you have already completed course 1: Marketing Analytics Foundation, course 2: Introduction to Data Analytics, and course 3: Data Analysis with Spreadsheets and SQL.

[Read less](#)

Skills you'll gain

Data AnalysisPython ProgrammingPandasData Visualization (DataViz)




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6. Meta Database Engineer Professional Certificate

 **Meta Database Engineer Professional Certificate**

Enroll for Free
Starts Oct 4

AboutOutcomesCoursesTestimonials

Professional Certificate - 9 course series

Want to get started in the world of database engineering? This program is taught by industry-recognized experts at Meta. You'll learn the key skills required to create, manage and manipulate databases, as well as industry-standard programming languages and software such as SQL, Python, and Django used for supporting outstanding websites and

[Read more](#)

Introduction to Databases

Course 1 • 18 hours • **4.7** ★ (718 ratings)

What you'll learn

- ✓ Concepts and principles that underpin how databases work .
- ✓ Plan and execute a simple database development project .

Skills you'll gain


Linux Web Development Bash (Unix Shell) Github Version Control

Version Control

Course 2 • 9 hours • **4.6** ★ (2,263 ratings)


[Course details](#) ^

Instructor



Taught by Meta Staff
Meta
131 Courses • 502,790 learners

Offered by



Meta
[Learn more](#)



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7. Serious SQL

Access to mentors from the Data With Danny team and further SQL support is available to all students on our private Discord community.

Topics Covered

Cover many core SQL skills and techniques required for data analysis from beginner to advanced levels using the Google BigQuery platform:

- Where filters and ordering data
- Group by aggregates
- Identifying and dealing with duplicate data
- Common table expressions and subqueries
- Summary statistics
- Exploratory data analysis
- Complex table joins
- Entity relationship diagrams
- SQL reverse engineering
- Data problem solving techniques
- Window functions
- Case When Statements
- Recursive CTEs
- Cumulative aggregates
- Simple, weighted and exponential moving metrics
- Historical vs Snapshot data analysis techniques
- Temp tables and views
- String transformations
- Regular Expressions
- Datetime manipulation





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8. Microsoft Excel: Data Analysis with Excel Pivot Tables

Microsoft Excel: Data Analysis with Excel Pivot Tables

Master Excel Pivot Tables and build data analysis skills with real projects. Learn from a best-selling Excel instructor!

4.6 ★★★★★ (55,245 ratings) 224,635 students

Created by [Maven Analytics](#), [Chris Dutton](#)

🕒 Last updated 9/2023 🌐 English 📄 English [Auto], Arabic [Auto], [13 more](#)

Share ▾



Enroll now

This course includes:

- 📺 6.5 hours on-demand video
- 📄 22 articles
- 📁 6 downloadable resources
- 📱 Access on mobile
- 📜 Certificate of completion

What you'll learn

- ✓ Take your data analysis skills from ZERO to PRO with Excel Pivot Tables
- ✓ Master unique Pivot Table tips, tools and case studies that you won't find in ANY other course, guaranteed
- ✓ Get LIFETIME access to project files, quizzes, homework exercises, and 1-on-1 expert support
- ✓ Learn how to use Pivot Tables and Pivot Charts to streamline and absolutely revolutionize your workflow in Excel
- ✓ Explore fun, interactive, and highly effective lessons from a best-selling Excel instructor
- ✓ Test your skills with 10 real-world Pivot Table case studies (weather, shark attacks, wine tastings, burrito ratings, and more!)



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9. Excel Charts - Visualization Secrets for Impressive Charts

4.7 ★ (5,720 ratings) 31,085 students

Excel Charts - Visualization Secrets for Impressive Charts

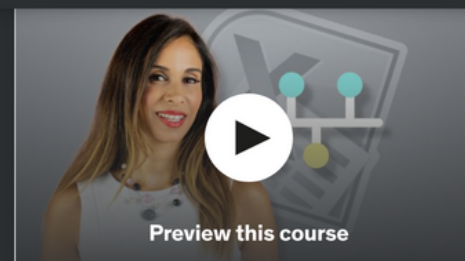
Gain Highly Advanced Excel Skills to Create Impressive Excel Graphs for your Management Reports (Excel 2010)

4.7 ★★★★★ (5,720 ratings) 31,085 students

Created by [Leila Gharani](#)

⚙️ Last updated 9/2023 🌐 English 📄 English [Auto], French [Auto], [2 more](#)

Share ▾



Preview this course

Enroll now

This course includes:

- 📺 8.5 hours on-demand video
- 📄 13 articles
- 📁 3 downloadable resources
- 📱 Access on mobile
- 📜 Certificate of completion

What you'll learn

- ✓ Significantly improve your Excel reports to create more powerful graphs that communicate your information in the best manner
- ✓ Create dynamic Excel charts. Why? I have seen many cases where people are unnecessarily manually updating graphs. This costs considerable time and nerves.
- ✓ Apply Best Practice methods to considerably improve the design of your Excel charts and tables
- ✓ Use effective Chart Combinations that are pivotal to management reports
- ✓ Learn creative & simple techniques that allow you to create your own Excel charts from scratch
- ✓ Impress your management by including new Excel graphs in your reports (such as my Pin chart for variances)
- ✓ Apply techniques that highlight chart and table elements to direct the reader attention where it is needed most
- ✓ Apply best methods to compare performance in your Excel graphs: as in Actual data versus Budget, forecasts and previous year



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10. Alex the Analyst Data Analyst Bootcamp

ALEX THE ANALYST
NEW VIDEOS EVERY WEEK

Alex The Analyst

@AlexTheAnalyst 592K subscribers 250 videos

My name is Alex Freberg and on this channel I will be going over everythin... >

youtube.com/channel/UC7cs8q-gJRIgWj4A8OmCmXg?sub_c... and 4 more links

HOME VIDEOS SHORTS LIVE PLAYLISTS COMMUNITY CHANNELS ABOUT >

How to Become a Data Analyst in 2023 (Completely FREE!)

Alex The Analyst 713K views • 8 months ago

Here is my step by step process on how to become a Data Analyst in 2023! 1. Learn the Data Analyst Skills ■■

Alex The Analyst SQL Playlist: <http://bit.ly/3XTIUW8> ■■ Alex The Analyst Tableau...

Data Analyst Bootcamp + Playlists




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11. Google Advanced Data Analytics Professional

 Google Advanced Data Analytics Professional Certificate

Enroll for Free
Starts Oct 4

AboutOutcomesCoursesTestimonials

The Power of Statistics

Course 4 • 29 hours • 4.8 ★ (216 ratings)

What you'll learn

- ✓ Explore and summarize a dataset
- ✓ Use probability distributions to model data
- ✓ Conduct a hypothesis test to identify insights about data
- ✓ Perform statistical analyses using Python

Skills you'll gain


Executive SummariesMachine LearningPython ProgrammingTechnical Interview PreparationData Analysis

Regression Analysis: Simplify Complex Data Relationships

Course 5 • 24 hours • 4.7 ★ (133 ratings)

What you'll learn

- ✓ Investigate relationships in datasets
- ✓ Identify regression model assumptions
- ✓ Perform linear and logistic regression using Python
- ✓ Practice model evaluation and interpretation

 [Learn more](#)

[Course details](#)

[Course details](#)




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12. Google Cybersecurity Professional Certificate

 Google Cybersecurity Professional Certificate

Enroll for Free
Starts Oct 4

AboutOutcomesCoursesTestimonials

Play It Safe: Manage Security Risks

Course 2 • 11 hours • 4.8 ★ (2,596 ratings)

Connect and Protect: Networks and Network Security

Course 3 • 14 hours • 4.8 ★ (1,366 ratings)

Tools of the Trade: Linux and SQL

Course 4 • 27 hours • 4.8 ★ (1,097 ratings)

[Course details](#)

What you'll learn


- ✓ Explain the relationship between operating systems, applications, and hardware
- ✓ Compare a graphical user interface to a command line interface
- ✓ Navigate and manage the file system using Linux commands via the Bash shell
- ✓ Use SQL to retrieve information from a database

Skills you'll gain


Job preparedness stakeholder communication integrity and discretion escalation

resume and portfolio preparation

Assets, Threats, and Vulnerabilities

 Google Career Certificates
Google
311 Courses • 7,672,751 learners

Offered by

 Google
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