

Master in-demand skills and run live campaigns in our Google Adwords Nanodegree Program



NANODEGREE PROGRAM

Become a Data Analyst

Prepare for a data science career. Learn to use Python, R, SQL, and Tableau to uncover insights, communicate critical findings, and create data-driven solutions.

FREE CLASSROOM PREVIEW!

GET STARTED NOW

SEATS LEFT!

23

TIME

6 months

Study 10 hrs/week and complete in 6 mo.

CLASSROOM OPENS

August 21, 2018

LANGUAGES

English and Arabic

BUILT IN PARTNERSHIP WITH



Why Take The Data Analyst Nanodegree Program?

In this program, you'll master the skills you need to establish a successful data science career. Our curriculum was developed with leading industry partners to ensure students master the most cutting-edge skills. Demand for qualified employees with advanced data skills has never been higher, and graduates will emerge fully job-ready.

TERM 1

Data Analysis with Python and SQL

EGP 8600

total

If you're new to analyzing data with Python and/or SQL, start with term 1.*

TERM 2

Advanced Data Analysis

EGP 8600

total

If you have a working knowledge of statistics and data analysis in Python and SQL, start with term 2.

START TERM 1 NOW

* Term 1 is not required for graduation.

What You Will Learn

DOWNLOAD SYLLABUS

TERM 1



Data Analysis with Python and SQL

You'll learn to code in Python and how to use the data analysis process to solve problems.

[SEE FEWER DETAILS](#)

PREREQUISITE KNOWLEDGE

You should be familiar with descriptive statistics and have some experience working with data in spreadsheets or SQL. [See detailed requirements.](#)

Introduction to Python

Learn Python programming fundamentals such as data types and structures, variables, loops, and functions.



[EXPLORE US BIKESHARE DATA](#)

Introduction to Data Analysis

Learn the data analysis process of questioning, wrangling, exploring, analyzing, and communicating data. Learn how to work with data in Python using libraries like NumPy and Pandas.



[INVESTIGATE A DATASET](#)

Practical Statistics

Learn how to apply inferential statistics and probability to important, real-world scenarios, such as analyzing A/B tests and building supervised learning models.



[ANALYZE EXPERIMENT RESULTS](#)

TERM 2



Advanced Data Analysis

Advance your programming skills and refine your ability to work with messy, complex datasets. You'll learn to manipulate and prepare data for analysis, and create visualizations for data exploration. Finally, you'll learn to use your data skills to tell a story with data.

[SEE FEWER DETAILS](#)

PREREQUISITE KNOWLEDGE

You should have experience analyzing data using Python, as well as a solid understanding of inferential statistics and its applications [See detailed requirements.](#)

Data Wrangling

Learn the data wrangling process of gathering, assessing, and cleaning data. Learn how to use Python to wrangle data programmatically, and

Learn the data wrangling process of gathering, assessing, and cleaning data. Learn how to use Python to wrangle data programmatically and prepare it for deeper analysis.

 **TEST A PERCEPTUAL PHENOMENON**

 **WRANGLE AND ANALYZE DATA**

Exploratory Data Analysis

Learn to explore data at multiple levels using appropriate visualizations, acquire statistical knowledge for summarizing data, and develop intuition around a data set.

 **EXPLORE AND SUMMARIZE DATA**

Data Storytelling

Learn to apply sound design and data visualization principles to the data analysis process. Learn how to use analysis and visualizations to tell a story with data.

 **CREATE A TABLEAU STORY**

“Being able to tell a story using data is more critical than ever. We’ve partnered with Udacity on this program to help aspiring data professionals go beyond crunching numbers, and craft narratives that support decision making.”

— EMMA TRIFARI, TABLEAU'S ACADEMIC PROGRAMS MARKETING MANAGER

Learn with the best



Mat Leonard
CURRICULUM LEAD

Mat, the Curriculum Lead, is a former physicist, neuroscientist, and data scientist with a passion for education. Recently, he led the Deep Learning Nanodegree Foundation program covering state-of-the-art machine learning models.



Sebastian Thrun
INSTRUCTOR

Scientist, educator, inventor, and entrepreneur, Sebastian led the self driving car project @ Google X and founded Udacity, whose mission is to democratize education by providing lifelong, on-demand learning to millions of students around the world.



Juno Lee
INSTRUCTOR

As a data scientist at Looplist, Juno built neural networks to analyze and categorize product images, a recommendation system to personalize shopping experiences for each user, and tools to generate insight into user behavior.

Derek is a
developer
Facebook
about sh
authored

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FAQ

[VIEW ALL FAQ](#)

PROGRAM HIGHLIGHTS

Why should I enroll in the Data Analyst Nanodegree program?

You should enroll in the program because you'll master the skills you need to establish a successful data science

career. You'll learn how to use data to solve real-world problems, and you'll gain the skills you need to

[SHOW MORE](#)

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NANODEGREE PROGRAMS



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