



# The Global Designation for Finance Professionals in a Data-Driven Industry

### Financial Data Professional Institute® Charter

Big data, alternative data, and machine learning are defining the future of finance. To succeed in this digitally transformed world, financial professionals must expand and upgrade their skills.

The Financial Data Professional Institute (FDPI) has designed this self-study program to provide financial professionals with an efficient path about the essential aspects of financial data science.

### Financial Data Professional Institute® was created to

- ✓ Provide financial professionals with the knowledge necessary to succeed in an industry disrupted by the advent of big data and machine learning.
- ✓ Advocate for the highest levels of professional ethics and standards.
- ✓ Establish the FDP Charter as a global professional designation in the area of financial data science.



### ONE COMPREHENSIVE EXAM

Offered twice per year  
March & November.



### TWO ONLINE CLASSES

Choose either Python or R,  
[www.fdpiinstitute.org/onlineclasses](http://www.fdpiinstitute.org/onlineclasses)



### EARN YOUR FDP DESIGNATION

A globally-recognized charter is awarded to FDP Charter holders.



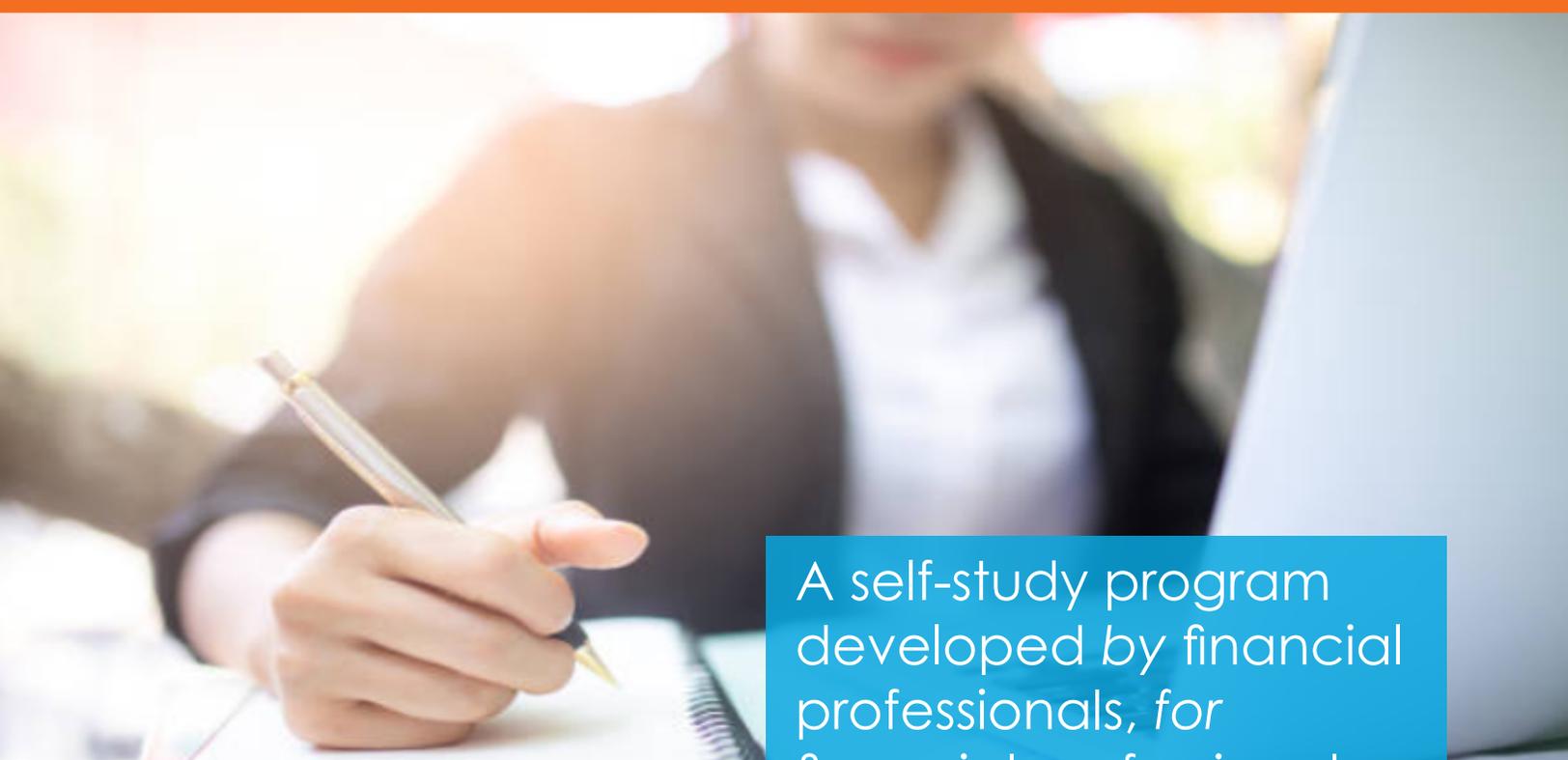
### VALUE ADD

Employers increasingly seek to find professionals who have the skills to apply data science tools to solve their most challenging problems.



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A self-study program developed by financial professionals, for financial professionals.

A significant transformation is taking place in the financial industry. It is driven by the increasing power of computing, availability of large and alternative datasets, and increased competition among organizations to use these resources to deliver **greater value at lower cost**. To stand out in this market place, financial professionals must demonstrate their mastery of financial data science methods and practices.

**TOPICS COVERED INCLUDE:**

1. Introduction to Data Science & Big Data
2. Machine Learning: Introduction to Algorithms
3. Machine Learning: Regression, Support Vector Machine & Time Series Models
4. Machine Learning: Regularization, Regression Trees, Random Forest & Overfitting
5. Machine Learning: Classification and Clustering
6. Machine Learning: Performance Evaluation, Back testing and False Discoveries
7. Data Mining & Machine Learning: Naive Bayes & Text Mining
8. Big Data, Data Mining & Machine Learning: Ethical and Privacy Issues
9. Big Data and Machine Learning in Financial Industry



The **Financial Data Professional Institute (FDPI)** was established by the **CAIA Association** to address the growing need in finance for a workforce that has the skills to perform in a digitized world where an increasing number of decisions will be data and analytics driven. The Financial Data Professional (FDP) is a global designation for investment professionals with data science skills.

**Registration and fees for the FDP exam cycle:  
FDP Exam March 29 - April 18, 2021**

FDP Exam Enrollment	US\$ 400
FDP Early Exam Registration* December 7, 2020 - January 15, 2021	US\$ 950
FDP Exam Registration* December 7, 2020 - January 15, 2021	US\$ 1150

\*CAIA Members are eligible for a 20% discount on the FDP registration fee. To receive the CAIA discount please email your CAIA ID# to [CAIA@fdpinstitute.org](mailto:CAIA@fdpinstitute.org) Register at [www.fdpinstitute.org](http://www.fdpinstitute.org)



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