Welcome
We will start promptly at 11 AM ET

Please add your questions to the chat box, we will address them during the Q&A.
If you are unable to hear speakers just let us know in the chat box.

Following the webinar, you will receive a link to the recording.
You can find a copy of all our webinar recordings at

www.caia.org/caia-infoseries
www.fdpinstitute.org/webinars
FDP Review of Prometric Test Center and ProProctor Remote Testing

Q2–2023 Exam
April 10 – 24, 2023

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www.FDPIstitute.org
Agenda

Candidate Experience
- Curriculum
- Reading Materials & Study Tools
- Prepare for Exam Day

Testing Options
- Prometric Test Center
- ProProctor Remote Testing

Q&A
TOPIC 1
Introduction to Data Science

READING 1
Data Science for Business Chapter 1 & 2

LEARNING OBJECTIVE 1

KEYWORDS
Data mining (p. 2)  Co-occurrence grouping (p. 21)
Data Science (p. 2)  Profiling (p. 22)
Data-driven decision making (p. 5)  Link prediction (p. 22)
Big data (p. 8)  Data reduction (p. 22)
Classification (p. 20)  Causal modeling (p. 23)

Learning Objectives
Demonstrate proficiency in the following areas:

1.1.1 Data Analytic Thinking (Ch. 1)
For example:
A. List examples of data mining in finance, marketing, and customer relationship management.
B. Contrast data science with data mining.
C. Describe the two types of decisions that can benefit from data-driven decision making.

1.1.2 Business Problems and Data Science Solutions (Ch. 2)
For example:
A. Describe when each type of data mining algorithm, such as classification, regression, similarity matching, clustering, co-occurrence grouping, profiling, link prediction, data reduction, and causal modeling, should be used.
B. Explain the differences between regression and classification.
C. Contrast supervised learning with unsupervised learning.

Action words: Specific Definitions Appear in Study Guide
**Alternative Data and Machine Learning in the Financial Industry**
- 6 required readings

**Topics in Financial Data Science**
- 9 required readings

**3 required books**
- Machine Learning in Business
- Data Science for Business
- An Introduction to Statistical Learning*
*Only about 20% of this book is used in FDP curriculum

**Preparation**
- FDP Handbook
  - Prepare for exam day
- FDP Study Guide
  - Prepare for the exam content

**Study Materials**
- **FDP Handbook**
- **FDP Study Guide**
- **Alternative Data and Machine Learning in the Financial Industry**
- **Topics in Financial Data Science**
- **3 required books**
- **Exam Registrants can look for best available price.**

**$99**
Exam Registrants

**Free**
Exam Registrants
Kaplan Schweser provides an independent OnDemand review course, which is delivered 100% online.*

With the **Review Package**, you’ll get access to:

- 14+ hours of **OnDemand review** sessions led by an expert in the finance and data science industries
- **Topic Quizzes** to assess your knowledge as you study each topic area
- An online **Mock Exam** to test your mastery of the FDP curriculum

For details and registration: [https://www.schweser.com/fdp](https://www.schweser.com/fdp)

*K Kaplan is an independent provider and not affiliated with CAIA or FDP. The FDP Study Guide is the only approved Study Guide. Prep course is not included in registration fee.*
# Exam Session

<table>
<thead>
<tr>
<th>Activity</th>
<th>Time (minutes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nondisclosure Agreement (must be completed within 5 minutes) *</td>
<td>5 minutes</td>
</tr>
<tr>
<td>Exam Instructions</td>
<td>10 minutes</td>
</tr>
<tr>
<td>FDP Multiple Choice Questions</td>
<td>135 minutes</td>
</tr>
<tr>
<td>Break (optional)</td>
<td>20 minutes</td>
</tr>
<tr>
<td>FDP Constructed Response Questions</td>
<td>65 minutes</td>
</tr>
<tr>
<td>End of Exam Message</td>
<td>2 minutes</td>
</tr>
<tr>
<td><strong>Total Exam Session Time (approximately)</strong></td>
<td>4 hours</td>
</tr>
</tbody>
</table>

Average Exam Pass Rate: 69.8%
Exam Registration & Fees

Q2–2023 FDP Exam: April 10 – 24, 2023
Registration

<table>
<thead>
<tr>
<th>Early Registration Opens</th>
<th>Early Registration Closes</th>
<th>Registration Closes</th>
<th>Exam Window</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 7, 2022</td>
<td>February 1, 2023</td>
<td>March 13, 2023</td>
<td>April 10 – 24, 2023</td>
</tr>
</tbody>
</table>

Testing at a Prometric Test Center: April 10 – 23, 2023
Remote Proctor Testing exam dates: April 23 & April 24, 2023

Q4–2023 FDP Exam: October 9 – 23, 2023
Registration

<table>
<thead>
<tr>
<th>Early Registration Opens</th>
<th>Early Registration Closes</th>
<th>Registration Closes</th>
<th>Exam Window</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 1, 2023</td>
<td>July 26, 2023</td>
<td>September 11, 2023</td>
<td>October 9 – 23, 2023</td>
</tr>
</tbody>
</table>

Testing at a Prometric Test Center: October 9 – 22, 2023
Remote Proctor Testing exam dates: October 22 & October 23, 2023

Exam Fees

<table>
<thead>
<tr>
<th></th>
<th>Early Registration</th>
<th>Standard Registration</th>
<th>Retake</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration Fee (refund policy)</td>
<td>$180</td>
<td>$180</td>
<td>$450</td>
</tr>
<tr>
<td>Enrolment Fee (non refundable)</td>
<td>$400</td>
<td>$400</td>
<td></td>
</tr>
<tr>
<td>Total FDP Exam Fee</td>
<td>$1280**</td>
<td>$1650**</td>
<td>$450**</td>
</tr>
</tbody>
</table>

* Exam fees do not include the cost of reading materials. We strongly recommend that candidates act early to obtain the readings in order to allow enough study time.

** Canadian taxes will be applied

Learn more about our Association Partnerships at https://fdpinstitute.org/Association-Partners
Online Course Requirements

The FDP curriculum provides breadth and depth by requiring Candidates to complete online classes as part of the FDP Charter.

• In order to receive the FDP Charter, Candidates must successfully complete the FDP Exam and complete online classes covering the basics of Python or R programming. The online classes are offered by an approved provider.

• The classes can be completed before or after the FDP exam. Depending on the Candidate’s background, it is estimated to take 12 hours to complete the online classes.

• No programming background is required to complete the online classes.

• There are no programming questions on the exam.
Candidate Checklist

- Register for the FDP Exam
- Obtain the Curriculum
- Reserve Your Exam Seat
  - Option 1 - Test Center - please contact us at info@fdpinstitute.org if you do not see availability on the date needed.
  - Option 2 - Online Proctoring
- Complete Online Course Requirements
As the global financial industry becomes increasingly competitive, the professionals who succeed are the ones who can demonstrate their ability to add value to an organization.
You have options!
Be in the driver’s seat of your exam day experience

Option 1: Test at a test center
Option 2: Remote Proctoring

Make the unknown … your known!
Online Proctoring:

- A **preferred** testing option for some
- A **detour** for others

Learn about Online Proctoring BEFORE you make your final decision.
Dates to Remember
Your Planning

Testing at a Test Center April 10–23

Online Proctoring April 23 & 24
### Our Learnings

#### Your Planning

<table>
<thead>
<tr>
<th>Option 1</th>
<th>At a Prometric Test Site</th>
<th>Option 2</th>
<th>Remote Proctored Testing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>April 10–23</strong></td>
<td><em>Controlled test site environment</em>&lt;br&gt;<em>Onsite exam proctors monitoring Candidates in testing room</em>&lt;br&gt;<em>Center availability</em>&lt;br&gt;<em>Exam site subject to closing (outside the influence of FDP)</em>&lt;br&gt;<em>Awareness of updated Prometric COVID-19 protocols</em>&lt;br&gt;<em>Schedule early in the exam window in case of any disruption</em></td>
<td><strong>April 23 &amp; 24</strong></td>
<td><em>Safe, secure, private, quiet personal location of your choosing</em>&lt;br&gt;<em>Minimum Equipment and Internet requirements must be met</em>&lt;br&gt;<em>Proctor monitors Candidates via webcam</em>&lt;br&gt;<em>Time to prepare your test space</em>&lt;br&gt;<em>Review minimum system requirements and run system test</em>&lt;br&gt;<em>Schedule early in the exam window in case of a technical issue</em></td>
</tr>
<tr>
<td>Option 1</td>
<td>Option 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>----------</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>At a Prometric Test Site</strong>&lt;br&gt;April 10–23</td>
<td><strong>Remote Proctored Testing</strong>&lt;br&gt;April 23 &amp; 24</td>
<td></td>
<td></td>
</tr>
<tr>
<td>➢ Schedule Your Exam Seat Reservation until <strong>March 22, 2023</strong></td>
<td>➢ Applications for RPT have to be received by <strong>March 17, 2023</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>➢ If you have already scheduled your exam seat at a Prometric location and want to keep option 1 there is no action required!</td>
<td>➢ Schedule Your Exam Seat Reservation until <strong>March 22, 2023</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>➢ In the event that your exam is canceled by Prometric, you will be eligible for <strong>Option 2</strong>, to take the Remote Proctor Exam on April 23 or April 24.</td>
<td>➢ Once you have selected the Remote Proctor Option, you <strong>may not</strong> reschedule an appointment at a later date at a physical location.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Option 1
At a Prometric Test Site

2-part exam
- Part 1: 80 multiple choice questions 135 minutes
- 20-minute optional break
- Part 2: 2-4 constructed response questions 65 minutes
Total 4 hours

Option 2
Remote Proctored Testing

2-part exam
- Part 1: 80 multiple choice questions 135 minutes
- 20-minute optional break
- Part 2: 2-4 constructed response questions 65 minutes
Total 4 hours

No unscheduled bathroom breaks
<table>
<thead>
<tr>
<th>Our Learnings</th>
<th>Option 1</th>
<th>Option 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Your Planning</strong></td>
<td><strong>At a Prometric Test Site</strong></td>
<td><strong>Remote Proctored Testing</strong></td>
</tr>
<tr>
<td><strong>Calculator</strong></td>
<td>Candidates can only use the scientific calculator that is part of the testing software</td>
<td>Candidate can use 4 pieces of scratch paper and 1 pencil** (Has to be ripped up while on camera!)</td>
</tr>
<tr>
<td><strong>Note Paper</strong></td>
<td>➢ Whiteboard provided by test center*</td>
<td></td>
</tr>
<tr>
<td><strong>Unscheduled Breaks</strong></td>
<td>Yes (bathroom access only)</td>
<td>No</td>
</tr>
<tr>
<td><strong>What can I bring</strong></td>
<td>Facemasks may be required at Prometric Test Centers* (frequently check test center protocol)</td>
<td>➢ 1 clear glass of water only**</td>
</tr>
<tr>
<td></td>
<td></td>
<td>➢ 2 clean tissues**</td>
</tr>
<tr>
<td></td>
<td></td>
<td>➢ 4 pieces of scratch paper (see above)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>➢ 1 writing utensil (pencil on a rope!)</td>
</tr>
</tbody>
</table>

* Check the Prometric website frequently for updates

** Subject to inspection by the readiness agent and the security agent
Our Learnings

Your Resources

Unlimited access to the Prometric Scientific calculator

Familiarize yourself with the Prometric platform
Registered FDP candidates have two options to take the FDP Exam:

**Option 1:** At a Prometric Testing Center from April 10 – 23, 2023

- The exam window is from April 10 to April 23, 2023.*
- Candidates cannot bring their personal calculator. A calculator is provided in the software.
- Prometric Test Centers will provide scratch paper & a writing tool or a dry erase board with writing utensil.
- Seats have to be reserved by March 22, 2023.

In the event that your exam is canceled, you will be eligible for option 2, to take the remote ProCTOR exam on April 23 – 24, 2023.

Learn more:
- What to Expect on Exam Day at a Prometric Test site (video)
- Prometric Test Center Procedures (webpage)
- Prometric FAQ for testing at a test site (webpage)
- Prometric exam software tutorial (no security check required) includes the calculator
- Video with an explanation of the calculator

**Option 2:** Through ProCTOR® (remote testing) days from April 23 & 24, 2023

- ProCTOR® Days: April 23 – 24, 2023*
- Candidates cannot bring their personal calculator. A scientific calculator is provided in the software.
- Applications for instructions have to be received by March 17, 2023.
- Seats have to be reserved by March 22, 2023.

Learn more:
- What to Expect on your Remote Exam Day (video)
- Prometric RPT physical and system requirements (user guide)
- Prometric RPT FAQ (webpage)
- Prometric exam software tutorial (no security check required) includes the calculator
- Video with an explanation of the calculator

*Communications regarding your exam appointment are shared via email. We strongly recommend not to de-activate or delete your email in your FDP profile or the Prometric exam reservation software.

As you prepare to sit for the FDP exam:
Due to the changed conditions in each country and at each test location, we encourage you to regularly check this Prometric webpage (click here)
**Option 1**

**Testing: Prometric Test Center**

**Option 1:**

To schedule your exam at a Prometric Testing Center

- Exam window: April 10 - 23, 2023
- Candidates cannot bring their own calculators. A calculator is provided in the software.
- Prometric Test Centers will provide scrap paper & a writing tool or whiteboard with writing utensil.
- Seats have to be reserved by March 22, 2023.

In the event that your exam is cancelled, you will be eligible for option 2, to take the FDP Institute exam on April 23 - 24, 2023.

Learn more:
- What to expect on Exam Day at a Prometric Test site (video)
- Prometric Test Center Procedures (webpage)
- Prometric FAC for testing at a test site (webpage)
- Prometric exam software tutorial (no security check required) includes the calculator
- Video on an explanation of the calculator

**Option 1**

I elect to take the FDP exam at a location near me

April 10 - 23, 2023

This page is only accessible to Registered FDP Candidates

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What to expect on exam day at a Prometric test center
Option 1

Testing: Prometric Test Center

Option 1: Reserve Your Exam Seat at a Prometric Test Center

As a candidate registered for the Q2-2023 exam you can start your Seat Reservation process here. Learn more about Prometric's current test center policies here.

- Please be sure to schedule your appointment at one of the secure global test locations as soon as you can because space may be limited in some locations.
- To find a test locations, see a list of global locations.
- Exam seats have to be reserved by March 22, 2023.

Option 1: Reserve Your Exam Seat at a Prometric Test Center

To schedule your exam at a Prometric Testing Center:

- Exam window: April 10 - 23, 2023
- Candidates can bring their personal calculator. A calculator is provided in the software.
- Prometric Test Centers will provide scratch paper & a writing board or dry erase board with writing utensil.
- Seats have to be reserved by March 23, 2023.

In the event that your exam is canceled, you will be eligible for option 2, to take the FDP Exam on the same date (April 23 – 24, 2023).

Learn more:
- What to expect on Exam Day at a Prometric Test site (Video)
- Prometric Test Center Procedures (textContent)
- Prometric FDP exam seating at a test site (website)
- Prometric exam seat reservation (no security check required) includes the calculator
- Video on an explanation of the calculator

Your FDP Profile Number

Arriving at this page means you are well on your way to scheduling your Q2-2023 FDP exam.

For information on the FDP Program, go to www.FDPInstitute.org. The FDP Handbook contains valuable information regarding your FDP exam. All Candidates should carefully review the Handbook during the application process and before arriving at the Test Center.
Option 2
Remote Proctor Testing

What to expect on your Remote Proctored exam day

- What to expect on your Remote exam day (video)
- Tutorial: IFIT physical and system requirements (user guide)
- Tutorial: IFIT + FAQ (webpage)
- Prometric exam software tutorial (no security check required) includes the calculator
- Video with an explanation of the calculator

Chat with technical support button

If you experience an issue during your exam: always contact the FDP Institute at Candidate@fdp institute.org
Option 2
Remote Proctor Testing

- Check the Prometric–ProProctor video on "What to Expect on Exam Day".
- Carefully read the Prometric remote Proctoring User Guide physical and system requirements.
- Complete the system ready check requirements.
- Check out the Candidate FAQ section.

Download & Install:

A system readiness check of your computer will now take place to make sure it is fully compatible with the ProProctor application.

- [ ] System Resolution
- [ ] Operating System
- [ ] Microphone
- [ ] Webcams
- [ ] Download Speed
- [ ] Upload Speed

Your system has passed the requirement check.

100% Complete
**Option 2**

*Remote Proctor Testing*

---

**FDP Institute - Application for RPT Testing Q2-2023**

As a registered Candidate for the Q2-2023 FDP exam, the FDP Institute is offering the option to sit for your exam via a remote online proctoring service. Administered by Prometric, this option, ProProctor, allows you to take the FDP exam from your home or other secure, remote location.

> This application form must be completed and submitted on or before March 17, 2023. <<

If you have additional questions, please contact us at candidate@openinstitute.org

<table>
<thead>
<tr>
<th>Field</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDP Profile Number *</td>
<td>FDP Profile Number is required.</td>
</tr>
<tr>
<td>Exam Window *</td>
<td>FDP Q2-2023 Exam is selected.</td>
</tr>
<tr>
<td>First &amp; Last Name *</td>
<td>Fields are required.</td>
</tr>
<tr>
<td>Legal First &amp; Last Name, as reflected on your government issued ID</td>
<td>Required.</td>
</tr>
<tr>
<td>Date of Birth *</td>
<td>Date is required.</td>
</tr>
<tr>
<td>Country where you will take the RPT exam *</td>
<td>Location is required.</td>
</tr>
<tr>
<td>Phone number *</td>
<td>Phone number is required.</td>
</tr>
<tr>
<td>Email *</td>
<td>Email address is required.</td>
</tr>
<tr>
<td>Date signed &amp; submitted *</td>
<td>Date of submission is required.</td>
</tr>
<tr>
<td>Signature *</td>
<td>Signature is required.</td>
</tr>
</tbody>
</table>

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- I am aware that I have access to the FDP DEMO exam. The DEMO exam allows me to experience the login, security check-in and hotseat to the Proctor. The DEMO will enable me to familiarize myself with the software, including the scientific calculator.

- This DEMO is offered to:
  - familiarize yourself with the login and security procedures
  - ensure your environment and equipment pass the security check-in procedures.
  - learn more about the Prometric test software

- Be prepared for your FDP Exam Day

- As the FDP Candidate, it is my responsibility to pursue scheduling and completion of the DEMO exam.

- Completion of the DEMO exam does not guarantee a successful RPT experience or exam day.

- I have read and understand the RPT requirements as stated in the Prometric ProUser Guide. https://www.prometric.com/sites/default/files/2019-10/PrometricProUserGuide.pdf

- I understand and acknowledge that if I take an unscheduled break during my session, I will not receive additional time. I will have to repeat the security check of my testing environment and person, and the time will be deducted from my exam time. I will be unable to review any questions I attempted before taking a break.

- I understand that my FDP exam date will be April 23 or April 24, 2023.

- I will be notified by the FDP Team with instructions to schedule my Remote Proctored FDP exam.

- By completing and submitting this form, I agree that I am selecting to take my FDP Q2-2023 exam via remote online proctoring. I agree to the terms stated in the FDP Candidate Policy Manual.

---

- I have completed the Prometric System Readiness Check and my computer meets the requirements. [https://rpcandidate.prometric.com/HomeSystemCheck](https://rpcandidate.prometric.com/HomeSystemCheck)

- Screenshot of completed Prometric System Readiness Check must be included.

- Attach screenshot of completed systemcheck *

---

Upon completion of your Prometric System Readiness check, create a screenshot and upload here.
Scheduling your exam

Schedule your appointment via the appropriate scheduling URL!

Follow the steps on our website.

Note: If you decide to pursue the DEMO option you will end up with two (2) confirmation emails.
FDP
DEMO exam

Make the unknown, your known

This DEMO is created to:
✓ familiarize yourself with the log-in and security procedures
✓ ensure your environment and equipment pass the security check & check in procedures.
✓ learn more about the Prometric test software (work with the calculator!)
✓ be prepared for your FDP Exam Day!

➢ As the FDP candidate, it is your responsibility to pursue scheduling and completion of the DEMO exam. The DEMO is not mandatory, but highly encouraged
➢ Completion of the DEMO exam does not guarantee a flawless RPT experience on exam day.

NOTE: FDP candidates registered for the FDP exam have access to one (1) free DEMO.

Additional DEMO’s are available for purchase $35.
1. Systems Readiness Check
2. Download the ProProctor Application
3. Launch the Exam Readiness Agent

Source: https://rpcandidate.prometric.com/


Our Resources
Your Planning
DEMO Exam

You can start this process 1 hour prior to your exam

Start the Exam

4 hour start here
Difficulty Launching your exam
- click the bottom right-hand chat box for assistance.
- Initially the questions will be from a bot but as you answer questions, it will put you in touch with a live agent who will be able to help trouble shoot your issue.

Company firewall
- [https://ehelp.prometric.com/proproctor/s/article/PPL-TECH003-General-Instructions-for-Corporate-Computers](https://ehelp.prometric.com/proproctor/s/article/PPL-TECH003-General-Instructions-for-Corporate-Computers)
- Do not use a VPN connection
- When using a company laptop/computer connect with your IT staff.

What if someone accidently enters the room?
- alert household members not to come into the room during the exam. If it happens, the Candidate is to immediately tell them to leave the room “Please leave, I am testing” If the proctor does not hear the Candidate speak this only, immediately and a conversation ensues with that person coming in, the exam will be revoked.

!! The ProProctor Platform is currently only compatible Google Chrome

FAQ’s

Chat with technical support button

If you experience(d) an issue during your exam:
contact the FDP Institute at Candidate@fdpinstitute.org
Can I have a **UNSCHEDULED** (bathroom-) break?
- No. Candidates cannot leave the webcam view while the exam is displayed. If they leave the webcam view at any other time, the exam will be revoked.
- Candidates can only leave during the scheduled break, when section 1 is closed, and section 2 is not yet opened.
- What if I drop my pencil? ... Tie it to your desk with a string! **What if my WiFi is disconnected?**
- You will not lose time or your progress
- Wait 3–4 minutes from when you disconnected, reboot your computer, run the system check, and relaunch your exam.

**What if ......**
- I have WiFi problems, and I **can’t** go back in?
- Someone came into my room, and I am disconnected?
- I do not agree with what happened during my exam

- Email us at candidate@FDPinstitute.org
- The FDP team will need 24 hours to review exam experiences and have all the data in to determine next steps

There is a contingency plan in place, the FDP team will determine on a case-by-case basis if candidates are eligible to retake the exam that same week (no extra charge).
Road map of learning journey & expectations

FDP Info Session

Join FDP experts to learn about the FDP Charter, achieving exam success, and more.

January 15, 2023 @ 11 AM ET

Testing options

WEBINAR

Q2-2023 FDP Review of Practical, Text Center, and Proctor (Remote Testing)

Learn about study tips, exam prep, and testing options with the FDP team.

Get ready for YOUR exam day!

WEBINAR

FDP Q2–2023 Exam Candidate Orientation

March 1 @ 11 AM ET

How is ESG Reshaping the Alternative Investment Business?

Date: February 15, 2023 @ 10 AM ET

How is ESG Reshaping the Alternative Investment Business?

Other webinars www.fdpinstitute.org/webinars
Q & A

Please submit your question
Thank You

Contact Us:

fdpинstitute.org
info@fdpинstitute.org
@FDPIнститут
Linkedin.com/company/FDP Institute