

### April 2024 FDP Review of Prometric Test Center & ProProctor Remote Testing

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

Q2-2024 Exam April 8-22, 2024



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#### www.FDPInstitute.org

# Agenda





### Preparing for the Exam

- Curriculum & Exam Structure
- Reading Materials & Study Tools
- Prepare for Exam Day

### **Testing Options**

- Prometric Test Center
- ProProctor Remote Testing

Q&A



# **FDP Program Update**

- With a near revolution in AI and machine learning and their implications for the financial industry, it is the right time to be taking a full inventory of our curriculum readings and learning objectives, as the relevancy of our curriculum must never be compromised.
- After the April 2024 exam session closes, the FDP Institute will pause the administration of the FDP exam to review its curriculum.
- While this review is taking place. The FDP Institute, its website, and educational activities such as webinars, will continue to be available.
- FDP Charters will be unaffected by this review.



# Curriculum Topics

Тор	bics	Approximate Weight %
1.	Introduction to Data Science	5-10
2.	Linear and Logistic Regression, Support Vector Machines, Regularization, and Time Series	10-15
3.	Decision Trees, Supervised Segmentation, and Ensemble Methods	8-12
4.	Classification, Clustering, and Naïve Bayes	8-12
5.	Neural Networks and Reinforcement Learning	8-12
6.	Performance Evaluation, Back-Testing, and False Discoveries	5-10
7.	Textual Analysis and Large Language Models	10-15
8.	Ethics, Privacy and Regulation	8-12
9.	Fintech Applications	15-25



# Preparation





**FDP Handbook** Prepare for exam day

CAIA

**FDP Study Guide** Prepare for the exam content

#### **100 Practice Questions/Problems**

#### **Complete Sample Exam**



**Alternative Data** and Machine Learning in the Financial Industry 3 required readings

Free Exam Registrants

# FDP

CAHA

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

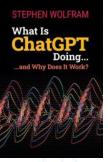
Free Exam Registrants

# Machine Learning in Business

**Study Materials** 

Gareth James Daniela Witten Trevor Hastie Robert Tibshirar to Statistical with Applications in R 





#### 4 required books

-Machine Learning in Business -Data Science for Business An Introduction to Statistical Learning\* -What is ChatGPT Doing...

 $^*$ Only about 15% of this book is used in FDP curriculum



# Study Resources

### **Practice Questions**

- Familiarize yourself with the questions
- Based on curriculum lessons
- Evaluate your topic-level strengths and weaknesses
- Same format as on the actual exam

### Sample Exam

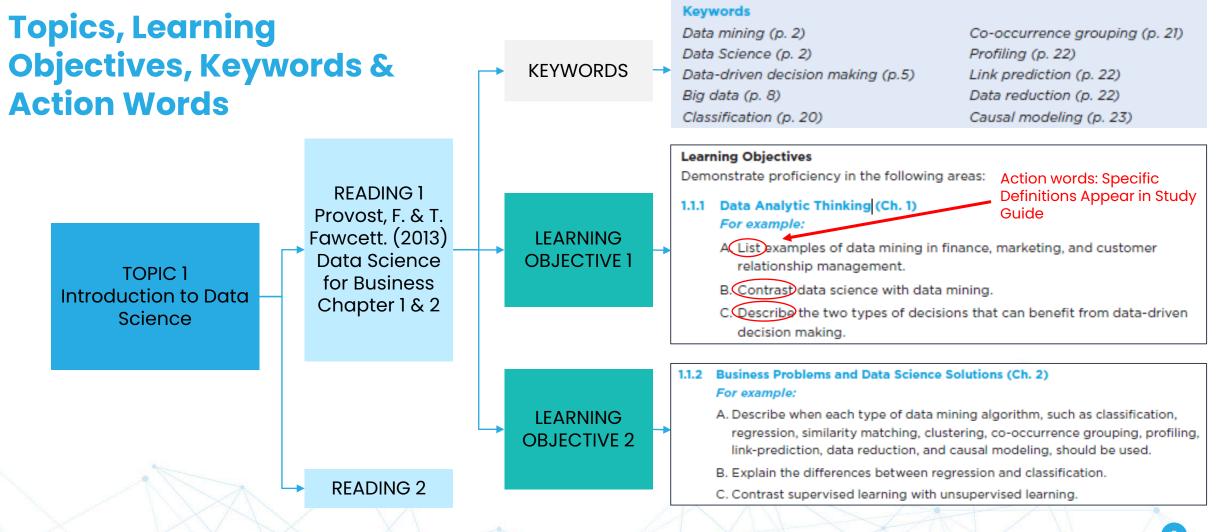
- Replicates the structure of the exam
- Topic are weighted consistent with exam
- Level of difficulty equivalent to the exam



# Exam Structure

Nondisclosure Agreement (must be completed within 5 minutes) *	5 minutes
Exam Instructions	10 minutes
FDP Multiple Choice Questions	135 minutes
Break (optional)	20 minutes
FDP Constructed Response Questions	65 minutes
End of Exam Message	2 minutes
Total Exam Session Time (approximately)	4 hours







# **Prep Course Provider**



Edge Designations is FDP Institute's exclusive third-party independent Prep Provider. The **Revision and Exam** program may include:

•Video Review covering all 9 topics
•Full set of revision notes in PDF format
•Formula sheet
•Full practice exam with solutions

For details and registration: https://www.edgedesignations.com

\*Edge Designations 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.

# Candidate Experience



### Candidate Checklist

- ☑ Register for the FDP Exam
- ☑ Obtain the Curriculum
- ☑ Reserve Your Exam Seat (allow 1 business day to set up exam eligibility)
  - 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



# Exam Registration & Fees

#### Q2-2024 FDP Exam: April 8 - 22, 2024

Registration

Registration Opens	Late Registration Begins	Registration Closes	Exam Window
December 11, 2023	March 1, 2024	March 11, 2024	April 8 - 22, 2024

Testing at a Prometric Test Center: April 8–21, 2024 Remote Proctor Testing exam dates: April 21 & April 22, 2024

#### **Exam Fees\***

	Registration	Late Registration	Retake
Enrollment Fee (non-refundable)	\$400	\$400	
Registration Fee* (refund policy)	\$950	\$1150	\$450
Total FDP Exam Fee	\$1350**	\$1550 **	\$450**

\* Exam registration 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 where applicable.

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

#### **Available Discounts**

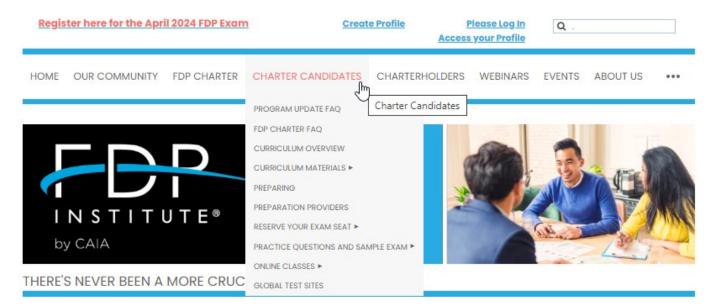








Our Resources Your Planning



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.



#### CHARTER CANDIDATES

Financial Data Professionals help organizations make the most of the data they collect by finding trends, patterns and errors that might otherwise go unnoticed. Successful Financial Data Professionals have the skills to work with data, the acumen to understand the business side of the organization and the ability to communicate that information to people across their organization.

Curriculum Materials

Practice Questions & Sample Exam Online Class Requirements Reserve Your Exam Seat

13

# Prepare for FDP Exam Day

You have options! Be in the driver's seat of <u>your</u> exam day experience

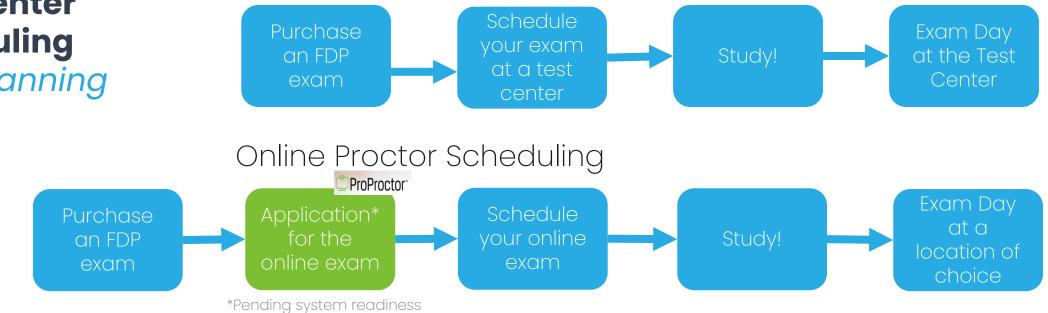
Option 1: Test at a Test Center Option2 : Remote Proctoring

Make the unknown ... your known!



Test Center Scheduling Your Planning

# Test Center Scheduling



# 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 8 - 21

ProProctor

**Online Proctoring** April 21 & 22

2024 APRIL							
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
	1	2	3	4	5	6	
7	8 PROMETRIC	PROMETRIC		11 PROMETRIC		PROMETRIC	
PROMETRIC	15	16 PROMETRIC	17	18	19 PROMETRIC	20	
21 PROMETRIC	22	23	24	25	26	27	
28	29	30				© RiankCalendarPages.com	



# **Our Learnings** Your Planning



# Option 1 At a Prometric Test Site April 8 - 21

- Controlled test site environment
- Onsite exam proctors monitoring
   Candidates in testing room
- > Center availability
- Exam site subject to closing (outside the influence of FDP)
- Schedule early in the exam window in case of any disruption



# Option 2 Remote Proctored Testing April 21 & 22

- Safe, secure, private, quiet personal location of your choosing
- Minimum Equipment and Internet requirements must be met
- Proctor monitors Candidates via webcam
- Time to prepare your test space
- Review minimum system

requirements and run system test

Schedule early in the exam window in

<mark>case of a technical issue</mark>



# **Our Learnings** Your Planning





# Option 1 At a Prometric Test Site April 8 - 21

- Schedule Your Exam Seat Reservation until March 20, 2024
- If you have already scheduled your exam seat at a Prometric location and want to keep option 1 there is no action required!
- If your exam is canceled by Prometric, you will be eligible for Option 2, to take the Remote Proctor Exam on April 21 or 22, 2024.

Option 2 Remote Proctored Testing April 21 & 22

- Applications for RPT have to be received by March 15, 2024
- Schedule Your Exam Seat Reservation until March 20, 2024
- Once you have selected the Remote Proctor Option, you <u>may not</u> reschedule an appointment at a later date at a physical location.



# **Our Learnings** Your Planning





# 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

Candidate Confirmation Details	2 minutes
Nondisclosure Agreement (must be completed within 5 minutes) *	5 minutes
Exam Instructions	10 minutes
FDP Multiple-Choice Questions	135 minutes
Break (optional)	20 minutes
FDP Constructed Response Questions	65 minutes
End of Exam Message	2 minutes
Total Exam Session Time (approximately)	4 hours



**Our Learnings** 

Your Planning





# Option 1 At a Prometric Test Site

# Option 2 Remote Proctored Testing

Calculator	Candidates can only use the scientific calculator that is part of the testing software					
Note Paper	Whiteboard provided by test center*	Candidate can use 4 pieces of scratch paper and 1 pencil** (Has to be ripped up while on camera!)				
Unscheduled Breaks	Yes (bathroom access only)	No				
What can I bring	Two forms of valid identification	<ul> <li>Two forms of valid identification</li> <li>1 clear glass of water only**</li> <li>2 tissues**</li> <li>4 pieces of scratch paper (see above)</li> <li>1 writing utensil (pencil or pen)</li> </ul>				
	* Check the Prometric website frequently for updates.	** Subject to inspection by the readiness agent and the security agent				

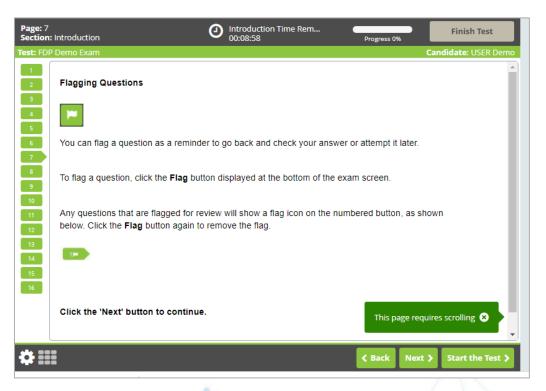


# Our Learnings Your Resources

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Unlimited access to the Prometric Scientific calculator https://training.prod.prometric.mindgrb.io/FDP-

Tutorial/launch\_html\_delivery.html



Familiarize yourself with the Prometric platform https://training.prod.prometric.mindgrb.io/FDP-Tutorial/launch\_html\_delivery.html



# Our Resources Your Planning

#### **Reserve Your Exam Seat**

Curriculum Overview | Curriculum Materials | Preparing | Prep Providers | Reserve Your Exam Seat | Practice Questions & Sample Exam | Online Classes | FAQ's-

#### Registered FDP Candidates have two options to take the FDP Exam:

Option 1: Prometric Testing Center from April 8 - 21, 2024 Option 2: ProProctor® (remote testing) days on April 21 & 22, 2024

Chline, remote exams are offered using tharmetric's thathactor<sup>®</sup> application. For a remotely proctored exam, you must supply the computer which must have a comero, microphane and an internet connection and be able to install a lightweight app prior to the test event. You will be able to take the exam online while a tharmetric proctor is overseeing the examination process remotely.

The FDP institute cannot guarantee availability of any test center for any given exam. A Candidate's chosen center may no longer be available when scheduling an examination appointment. Should this be the case, it is safely the Candidate's responsibility to locate, and arrange for transportation to, an alternate testing center.

Retakes and defends are not available after April 2024 for Candidates who are unable to sit for their FDP exam due to late receipt of study materials, failure to secure on exam appaintment at either a physical or remote location or lack of availability of a valid visa or possport.

Special Accommodations must be requested for approval prior to reserving your examised. Please review the details here.

#### Please note that seat reservation is not immediate and is available after one business day to process exam enrollment payment.

#### Option 1:

To schedule your exam at a Prometric Testing Center

- Exam window: April 8 21, 2024\*
- Candidates can not bring their personal calculator. A calculator is provided in the software.
- Prometric Test Centers will provide a dry erase board with writing utensil.
- Seats have to be reserved by March 20, 2024.

In the event that your exam is canceled, you will be eligible for option 2, to take the Remote Proctor exam on April 21 or 22, 2024.

#### 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

Option 1

I elect to take the FDP exam

at a physical test location

April 8 - 21, 2024

This page is only accessible to

Registered FDP Candidates during the registration

window.

- required) includes the calculator.
- Video with an explanation of the calculator

#### Option 2:

To schedule your ProProctor® (Remote) Exam

- ProProctor# Days: April 21 & 22, 2024\*
   Candidates can not bring their personal calculator. A
- scientific calculator is provided in the software.

  Applications for ProProctor® have to be received.
- March 15, 2024.
   Seats have to be reserved by March 20, 2024.
- 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.
- Addee with an evelopeting of the
- Video with an explanation of the calculator

### PROMETRIC ⊱

Communications regarding your exam appointment are shared via email. We strengly 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)

#### ProProctor FREE DEMO

All FDP Candidates registered for the Q2-2024 FDP exam are eligible to test the Prometric exam software, including the scientific calculator.

Learn more here

Option 2 Start your Application for ProProctor® Remote Testing April 21 & 22, 2024

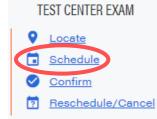
This page is only accessible to Registered FDP Candidates during the registration window.



# **Option 1** *Prometric Test Center*



#### FINANCIAL DATA PROFESSIONAL



Arriving at this page means you are well on your way to scheduling your Q4-2024 FDP exam.

For information on the FDP Program, go to <u>www.FDPInstitute.org</u> . The <u>FDP Handbook</u> c 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.

As an FDP candidate, you have two options to take your exam. Details to each option can be found here 🗹 .





# **Option 1** *Testing: Prometric Test Center*

# PROMETRIC

Futures Start Here.



# **Option 2 Remote Proctor** Testing



#### FDP Institute - Application for RPT Testing Q2-2024

FDP Institute - Application for RPT Testing on April 21 or April 22, 2024.

As a registered Candidate for the Q2-2024 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 15, 2024. <<

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

FDP Profile Number *	Exam Window *	<ul> <li>Completion of the DEMO exam does no</li> </ul>	t guara
	FDP April 2024 Exam (Q2) 🗸 🗸	I have read and understand the Guide. https://www.prometric.co	
First & Last Name *		I understand and acknowledge	that I r
First	Last	ture from the field of view will re	
Legal First & Last Name, as reflected on your go	overnement issued ID	I understand that my FDP exam	date
Date of Birth *	Country where you will take the RPT exam *	I will be notified by the FDP Tea	m with
As reflected on government issued ID		By completing and submitting the mote online proctoring. I agree	
Phone number *	Email *	Date signed & submitted *	Sig
Please include country code	Provide the email address as reflected on your FDP account	Ű	
Provide the phone number as reflected on your l			
I have completed the Prometric Syste requirements. https://rpcandidate.pro	m Readiness Check and my computer meets the metric.com/		
Screenshot of completed Prometric System Rea	diness Cheok must be included		
Attach screenshot of completed Systemche	ck *		
Upload or drag files here.		the second	/
upon completion of your Prometric System Read	linear anote a corearchat and unload here		

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 handoff to the Proctor. The DEMO will enable me to familiarize myself with the software, including the scientific calculator.

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
- be prepared for your FDP Exam Day!

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

wless RPT experience on exam day.

nents as stated in the Prometric Pro User lt/files/2019-10/PrometricProUserGuide.pdf

take an unscheduled break during my session. Any depariate cancellation of the exam with no refund.

April 21 or April 22, 2024.

tions to schedule my Remotely Proctored FDP exam.

e that I am selecting to take my FDP Q2-2024 exam via retated in the FDP Candidate Policy Manual.

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# **Option 2** *Remote Proctor Testing*



What to expect on your Remote Proctored exam day

Chat with technical support button

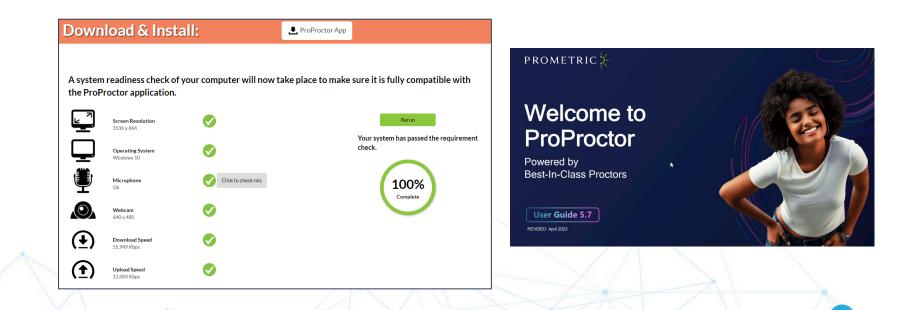
···· I'm here to help!

If you experience(d) an issue during your exam: **always contact the FDP Institute** at <u>Candidate@fdpinstitute.org</u>



# **Option 2** *Remote Proctor Testing*

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





# Scheduling your exam

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

Schedule your appointment via the appropriate scheduling URL!

Follow the steps on our website.

#### Schedule Appointment

Exam Selection	Test Sponsor: Chartered Alternative	MA, Boston - 5331 : Boston - Commonwealth Avenue, 930 Commonwealth Ave USA	Enchourg Chelminfold	
Eligibility Information	Investment Analyst Association	3.09 08 15 17 19 Miles Search test center for more availability -	Leominiter and Annual Annua	
Exam Selection	Program Name: Financial Data Professional	MA, Boston - 5332 : Boston - Commonwealth Avenue, 930 Commonwealth Ave USA           Q         APR         APR         APR           3/00         08         15         17         19	Spering Assor	
2 Results Found	Eligibility Information: Your FDP# Your name Exam Name: Financial Data	Miles Search test center for more availability - MA, BURLINGTON - 5855 : Boston - Burlington, 70 Blanchard Road USA	Patron Mahiborough Patron Shrewsbury Framingham	
FDP Demo Exam Testing Window: 08 JAN 2024 to 22 APR 2024		APR     APR       11.20     08       20       Miles       Search test center for more availability -	Autorn Milbury Sitton	
<ul> <li>Financial Data Professional</li> <li>Testing Window: 08 APR 2024 to 21 APR 2024</li> </ul>	Professional Test Center Location: Remotely proctored	MA, Brockton - 5194 : Prometric Test Center, 1324 Belmont Street USA 20.93 APR APR APR 20 Miles Search test center for more availability -	Transin of	

# FDP DEMO exam



# Make the unknown, your known

This DEMO is created to:

- $\checkmark$  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 available for purchase \$35.



## Our Resources Your Planning DEMO Exam

1. Systems Readiness Check

2. Download the ProProctor Application

> 3. Launch the Exam

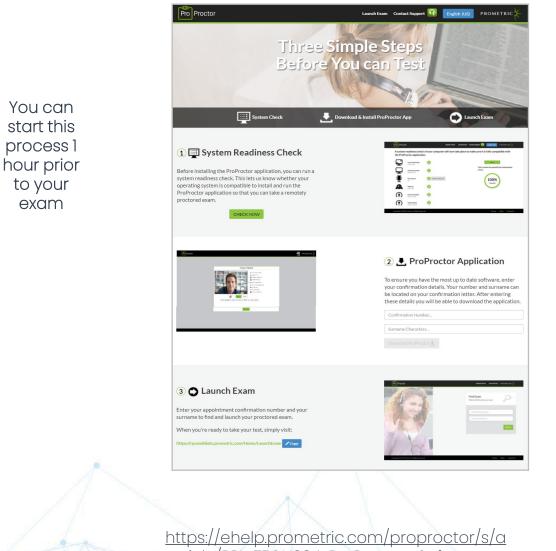


Proctor

Start the Exam

4 hour start here

### Source: <u>https://rpcandidate.prometric.com/</u>



<u>ttps://ehelp.prometric.com/proproctor/s/a</u> <u>rticle/PPL-TECH004-ProProctor-Software-</u> Installation-Windows-OS



**RPT FAQ's** 

#### Difficulty Launching your exam

- https://ehelp.prometric.com/proproctor/s/ (tip: save bookmark)
- 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
- > 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!

Chat with technical support button

I'm here to help!

If you experience(d) an issue during your exam: contact the FDP Institute at <u>Candidate@fdpinstitute.org</u>



# **RPT FAQ's**

#### 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 <u>candidate@FDPInstitute.org</u>
- 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).

Chat with technical support button

··· I'm here to help!

If you experience(d) an issue during your exam: **contact the FDP Institute** at <u>Candidate@fdpinstitute.org</u>

# 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.

# Webinars for FDP Candidates



# FDP Charter Info Session Join FDP Experts to learn about the FDP Charter, achieving exams success, and more. January 9 at 11 AM ET

#### Testing options January 25 @ 11 AM ET







Q2-2024 FDP Review of Prometric Test Center and ProProctor (Remote Testing)

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

> January 25, 202 at 11 AM ET



#### Get ready for YOUR exam day! March 14 @ 11 AM ET



Other webinars www.fdpinstitute.org/webinars

# Q&A and Upcoming Webinars

Join Our Educational Webinar Series www.fdpinstitute.org/webinars



#### **AI for Startups**

Date: Feb 13 @ 10 AM ET



Recent Advancement of Financial Machine Learning with an Emphasis on Large Language Models

Date: Feb 22 @ 10 AM ET



 Webinar

 Webinar

 Webinar

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 Recent Advancement of Financial Machine Learning with an Emphasis on Large Language Models

 Prevelopment Alsot Technologies AG

 Peter Kolm, PhD

 Clinical Professor of Mathematics & Director of the Mathematics in Finance Ms. Program, NYU Courant

# Thank You





# **Contact Us:**



fdpinstitute.org

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- Linkedin.com/company/FDP Institute