

# QuantHub PD Registration

Updated 6.29.24

**You will need to register for all skills you have completed in the platform to get Professional Development credit.**

These course registrations are offered through AMSTI. It is the responsibility of the teacher to register for courses completed in QuantHub and verifying correct reporting on the PowerSchool transcript.

*TEAMS Contract Teachers: The usage of QuantHub hours under your TEAMS contract may differ from one school to another. QuantHub's professional development services are provided via a state contract, and all courses, with the exception of the initial course required for access, are available asynchronously. This flexibility makes QuantHub an excellent choice for off-contract, state-approved professional development hours, provided your school authorizes the use of your credits in this manner.*

**Step 1:** Check the skills you have completed in your QuantHub account by viewing your "Skill Profile" accessible from the dropdown menu in the top right corner.

**Step 2:** Click the registration link on this form next to the skillset you have completed to register for the course.

**Step 3:** Repeat the process for each skill you have mastered.

*QuantHub will submit course rosters the last Friday of each month. AMSTI may take up to one additional month to report participation on your transcript.*

For further assistance, email us at [support@quanthub.com](mailto:support@quanthub.com).

**Skillset 1: Introduction to Data Literacy (+synchronous onboarding): [PS Section #506316](#) (5 hours)**

**Skills Include:**

1. Using QuantHub to Teach Data Literacy: Onboarding + Learning with QuantHub

*To receive credit for your first skill and subsequent professional development, teachers must complete the following.*

- [Complete Asynchronous Orientation](#)
- Live onboarding with QuantHub team. [Schedule here](#)
- Master your first skill "Learning with QuantHub"
- [Submit your Onboarding Survey](#)

2. Protecting your Data
3. Becoming Data Literate

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## **Skillset 2: Data Visual Literacy: [PS Section #506318](#) (4 hours)**

### **Skills Include:**

1. Introduction to reading charts
2. Identifying chart types
3. Interpreting chart scaffolding
4. Interpreting chart data encoding

## **Skillset 3: Machine Learning Foundations: [PS Section #506320](#) (8 hours)**

### **Skills Include:**

1. Working with Python
2. Teaching machines
3. The machine learning process
4. Training a machine learning model
5. Preparing data for a machine learning project
6. Planning a machine learning project
7. Sharing a machine learning model

## **Skillset 4: Practical Artificial Intelligence for the Digital Citizen: [PS Section #506324](#) (5 hours)**

### **Skills Include:**

1. A guide to entering an AI-enhanced workforce
2. Ethical considerations for AI application users
3. Introduction to boosting productivity with AI
4. Introduction to prompt engineering
5. AI productivity tool landscape

## **Skillset 5: Exploratory Data Analysis: [PS Section #506326](#) (12 hours)**

### **Skills Include:**

1. Introduction to exploratory data analysis
2. Framing exploratory data analysis
3. Exploring metadata
4. Exploring data types

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5. Exploring data quality
6. Exploring distributions
7. Exploring association
8. Exploring correlation
9. Exploring dispersion
10. Exploring central tendency

## **Skillset 6: Data Wrangling: [PS Section #506328](#) (5 hours)**

### **Skills Include:**

1. Identifying data
2. Recording data
3. Data ethics
4. Working with spreadsheets
5. Citizen's guide to SQL

## **Skillset 7: Data Storytelling: [PS Section #506330](#) (5 hours)**

### **Skills Include:**

1. Discovering data storytelling
2. Uncovering a data story
3. Building data storytelling narratives
4. Designing visual narratives
5. Presenting data stories

## **Skillset 8: Statistical Problem Solving: [PS Section #506333](#) (7 hours)**

### **Skills Include:**

1. Discovering statistics
2. The statistical investigative process
3. Designing a statistical study
4. Collecting data for statistical analysis
5. Testing a hypothesis
6. Interpreting statistical results