



Delta AI Intensive

Cohort learning on weekends to **build portfolio-ready AI projects**



Through Delta Institute, our students don't just learn about technology and leadership—they build it as they create real-world projects that demonstrate initiative, technical skill, and impact.

Here are the results of acceptances from our past Delta Institute alumni:



Admissions Impact

4300+

Students enrolled in our programs

1000+

Successful admissions to top universities

15+

Programs in diverse industries



UPenn



Yale



Brown



Cornell



Stanford



UCLA



LSE



King's College London



Northeastern



Northwestern



NYU



Imperial College London



Cambridge

Hear directly from our students!



www.deltainstitute.co/testimonials

"This was a valuable experience! The mentors guided me through every challenge I faced, helping me successfully complete my AI project based on music."

SORA IHARA

Delta AI Alumni

"My favorite part was being able to create my own project based on my interests. I also really appreciated the support in making slides, understanding how coding works, and learning how AI is applied in projects."

RIO MURAKATA

Delta AI Alumni

More testimonials: [Delta Spotlight Series](#)

www.deltainstitute.co



Why Choose

Delta AI Intensive

The **5-week Delta AI Intensive program** offers rapid, cohort-based learning with masterclasses and workshops led by industry experts. Students develop their own AI chatbot and industry-specific solution, emphasizing quick skill acquisition and collaborative learning.



Structured cohort learning with clear milestones

Learn alongside a cohort in a guided program with weekly sessions, hands-on builds, and defined project milestones from start to Demo Day



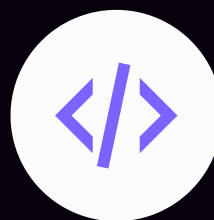
Weekend cohort schedule for busy school weeks

Work in live 'build-sessions' that hones in on your practical skills in AI



Expert mentors from Microsoft, Google, and CitiBank

Masterclasses from leading AI researchers and other industry professionals



Portfolio ready live project and public GitHub repo



Meet the **Industry Experts**

Have the opportunity to work with and hear from **mentors at leading institutions and companies creating the AI revolution.**

Mentors you could work with



Mansi

AI Researcher at
Microsoft



Marc

Research Assistant
at NUS & AI
Researcher



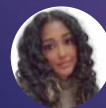
Parag

VP Senior
Programmer
Analyst at CitiBank



Carson

Software
Engineering at Apple



Brinda

Data Scientist at
Microsoft, LLM & AI
Specialist



Awad

Staff Software
Engineer at Tesla

Students work with mentors from **leading tech companies** driving the AI revolution.



How Mentoring Works

Learn With a Cohort, **Build With a Mentor**

The Intensive pairs two kinds of mentoring into **one 5-week sprint**. You learn alongside a **small cohort in expert-led weekend workshops**, then get **1:1 time with a senior engineer** to sharpen the project only you are building.

Multiple Experts, One Dedicated Mentor



Each workshop is led by a different specialist based on the topic being covered.

A lead mentor oversees the cohort throughout to keep everything connected. Then in Weeks 4 and 5, each student is paired with their own 1:1 mentor from companies like **Google or Amazon for dedicated sessions** focused on refining their independent project.

How the Two Formats **Work Together**



Weeks 1 to 3 are cohort-driven

- Live weekend workshops led by industry professionals covering AI fundamentals, hands-on builds, and advanced topics.
- You learn by doing alongside peers, which builds momentum fast and gives you a support network from day one.
- The small group size (6:1 ratio) means no one gets left behind.



Weeks 4 and 5 shift focus to your independent project

Your dedicated 1:1 mentor helps you troubleshoot, optimize, and prepare your project for Demo Day.

What You Will Achieve

A 5-week, weekend cohort where you learn core AI skills together, then build two real projects with guided feedback. You also receive complimentary 1:1 mentor time for targeted support.

Who This Is For

Ambitious high school students who want structured, social learning and tangible outcomes that strengthen applications and interviews.



Weekend cohort
classes for 5 weeks



Small groups with
dedicated instructor
and teaching
assistants



Complimentary 1:1
mentor hours
scheduled flexibly



Discord community
for Q&A and peer
support



Demo Day showcase
at the end

Your 5-Week Plan

Five weekends. Two real AI projects.
One portfolio that sets you apart.

Program Format

- **14 hours** of live, instructor-led group learning
- **2 hours** of exclusive 1:1 mentorship
- **Unlimited Teaching Assistant support via Discord**
- **Demo Day showcase** to close the program

1

Set Up + Ship Your First AI App

Week 1

- Set up Python and your development environment
- Build and customize an AI chatbot
- Publish your first project on GitHub

Outcome: A working **AI chatbot** ready to demo.

2

Explore AI + Define Your Project

Week 2

- Learn **how AI processes language and images**
- **Enhance your chatbot** with new AI capabilities
- **Choose your interdisciplinary project topic**

Outcome: A clear project plan built around a real-world problem.

4

Build Your AI Project

Week 4

- Develop an **AI tool in a field you care about**
- Work with mentors to **build a functional prototype**
- Use **real data and practical tools**

Outcome: A working AI prototype.

3

Refine + Prepare

Week 3

- Improve your project with **mentor feedback**
- Learn to **present technical work** clearly
- Begin your **1:1 mentorship sessions**

Outcome: A polished, presentation-ready project.

5

Launch + Demo Day

Week 5

- Deploy your project as a **live website**
- Finalize deliverables with **mentor support**
- Present your work at **Demo Day**

Outcome: A live, **portfolio-ready AI project**.

What You Walk Away With



Two AI projects aligned to your interests



Live website or shareable demo links



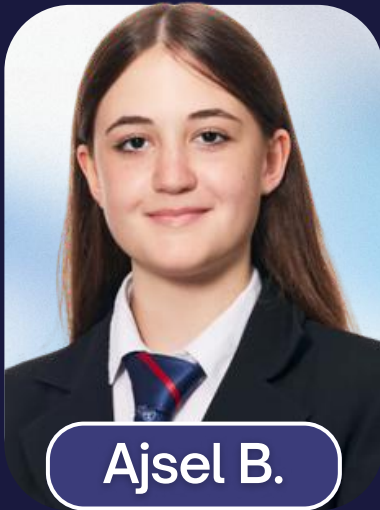
Public GitHub repos with clean READMEs



Slide deck, demo video, and short white paper



Certificate of completion and mentor recommendation letter



Ajsel B.

TOOLS USED & SKILLS GAINED

Technical Skills: Python, HTML, CSS



Project Impact & Applications:

Addresses elder fraud (a \$3B annual problem), demonstrates how AI can protect vulnerable communities

MENTORS FROM



Background

Interested in
Cybersecurity
Startups.

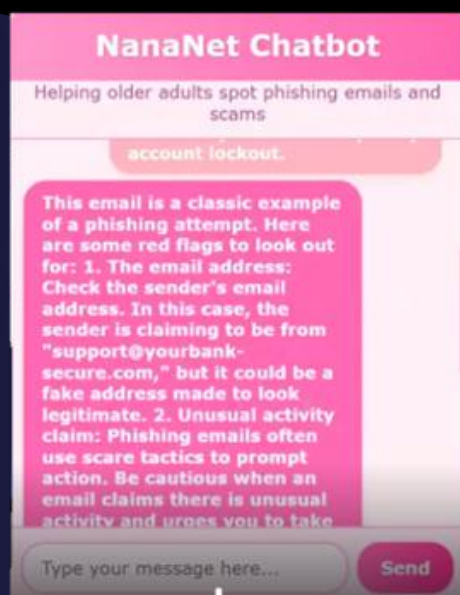
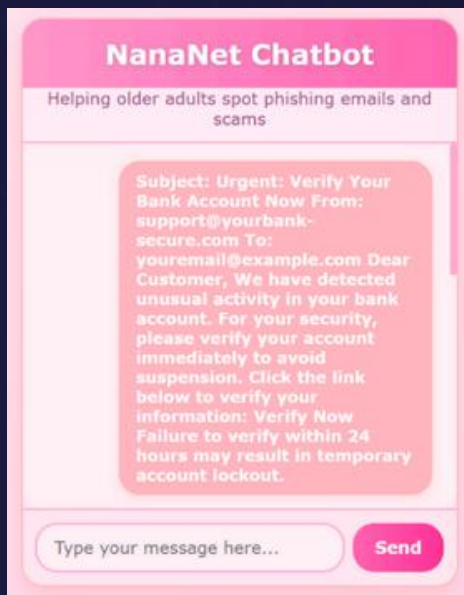
Interested in
application
of **AI**.

No prior
experience in
Coding.

Using AI to support elder citizens

Nananet Chatbot

Ajsel created a chatbot tool designed to help elderly users detect phishing scams in emails and texts.



"The Delta AI program was an **incredible experience fast-paced, engaging, and perfectly structured**. I loved how each session built on the previous one, **making even complex AI concepts feel achievable**."

"The mentors were amazing, offering constant support and guidance while pushing me to go beyond my comfort zone. It was truly an innovative, empowering, and enlightening program that helped me grow both technically and personally."

— AJSEL



14 hours of
cohort learning



2 hours of
exclusive 1:1
mentorship



Unlimited TA
support



Learn from mentors
from Google,
Microsoft, Nvidia,
and more

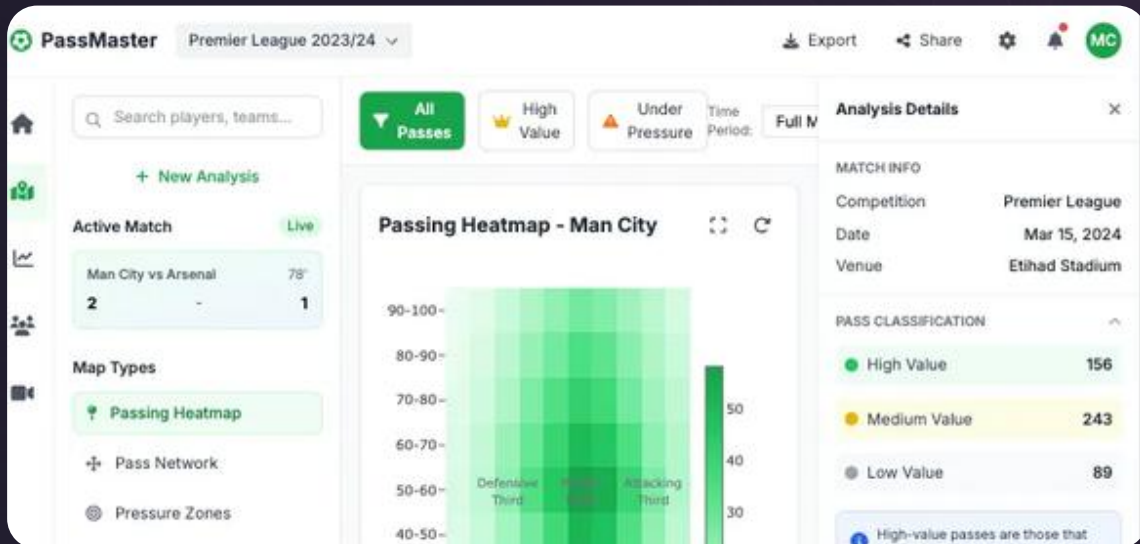
Other Example Projects

Best for Students Interested In
Spatial Data Analysis, Sports Data Visualization, Soccer

Example Final Project

PASSING MAP ANALYTICS

AI x Sports

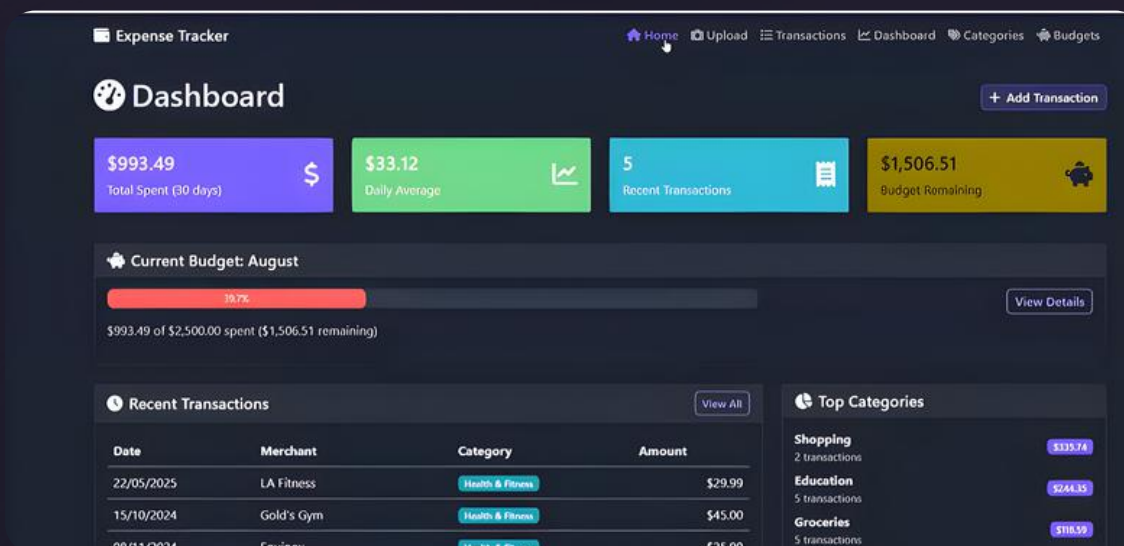


Best for Students Interested In
Finance, Education, Expense Tracking

Example Final Project

OCR EXPENSE TRACKING APP

AI x Finance



Other Example **Projects**



AI x **Finance**

Stock Market Sentiment Analysis

Cut through information overload with NLP-driven sentiment insights.

- Analyzes news headlines and social media posts
- Gauges real-time market sentiment before it moves markets



AI x **Law**

Case Outcome Predictor

See how AI is reshaping the legal profession.

- Uses historical court data on case type, jurisdiction, and precedent
- Estimates likely case outcomes



AI x **Biology**

Genomic Data Insights

Accelerate breakthroughs in personalized medicine with AI.

- Explores DNA sequences using classification algorithms
- Identifies patterns linked to traits or disease markers



AI x **Climate**

Air Quality Analytics

Make invisible environmental risks visible and actionable.

- Pulls live sensor data into a monitoring dashboard
- Forecasts local air quality conditions in real time



Which **Delta AI** program is right for you?



Details	Delta AI Intensive (Cohort)	Delta AI Immersive (1:1)
Best for	Cohort-based learning to build an AI project.	Personalized, in-depth coaching for advanced technical projects.
Schedule & Duration	5 Weeks on Sat/Sun. Tailored to global time zones.	Flexible; Scheduled as per student availability.
Mentorship	• Group sessions (6:1 ratio) • 2x 1:1 mentoring sessions • Email support and office hours.	• 25 hours of 1:1 mentoring • Takeaway Assignments • Email support and office hours.
Outcomes	• Personal Project • Recommendation Letter • White Paper	• Advanced Project • Recommendation Letter • White Paper • Industry Panel Review
Price (USD)	\$2200	\$4800

Delta AI **Intensive**

Build and launch a real AI project in a structured, cohort-based program. Develop and deploy an application, document your work on GitHub, and present your final product at Demo Day.

USD 2,200

Delta AI **Immersive**

Create a fully personalized AI project with 1:1 mentorship, from idea to deployment. Build a production-ready application, publish a complete GitHub portfolio, and earn a mentor recommendation letter.

USD 4,800

Get Started

Scan the QR code below!



admissions@deltainstitute.co