

Ready to build an AI project around **Public Policy**?

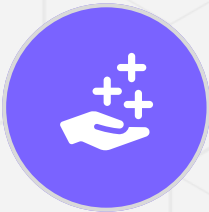


From **policy prediction to public sentiment and resource allocation**, AI is transforming how governments design smarter, more effective policies.

With expert mentors from global tech companies, students build real AI tools at the intersection of public policy, data, and technology.



Why Delta AI?



OUTCOMES





- A standout project for your college application**
Admissions officers look for initiative and depth. An AI project in public policy shows both.
- A meaningful academic story tied to your passion**
Your project becomes something you can write about, talk about in interviews, and be proud to present.
- Real skills that set you apart**
Learn the same AI and data skills behind careers in public policy, government, research, and social impact.
- Inspired by real innovation in public policy and social impact**
Work on ideas used by real policymakers and organizations, adapted for your level.
- A recommendation letter that carries weight**
Your mentor writes a detailed letter speaking to your skills, growth, and work ethic.

STRUCTURE

AI Intensive 5-week cohort program

AI Immersive 25 hours of 1:1 mentorship

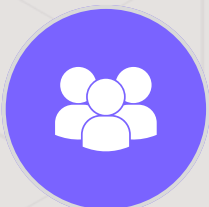
Students receive:

-  **Hands-on learning** with step-by-step guidance
-  A curriculum **built around your level**
-  A mentor **recommendation letter**
-  A **project white paper** documenting your work

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



Who Is This Built For?



Policy-curious or government-focused students



Both beginner and advanced learners



Students aiming for top college applications



Students looking for 1:1 or cohort mentorship

Applications of AI in Public Policy



AI is transforming every aspect of public policy, from **data analysis** to **decision-making**.

The future of public policy is powered by AI. **Don't just study it, shape it.**

Policy Impact Prediction

Policy outcome forecasting, scenario simulation, cost-benefit analysis



Resource Allocation & Optimization

Budget distribution, emergency services planning, education funding, equity modeling



Participatory Governance & Civic Tech

Digital voting systems, citizen engagement platforms, collective decision-making



Public Sentiment & Opinion Analysis

Social media insights, public comments, opinion trends, polling comparison

Misinformation Detection & Fact-Checking

Fake news detection, claim verification, source credibility, information spread tracking

Data-Driven Policy Design

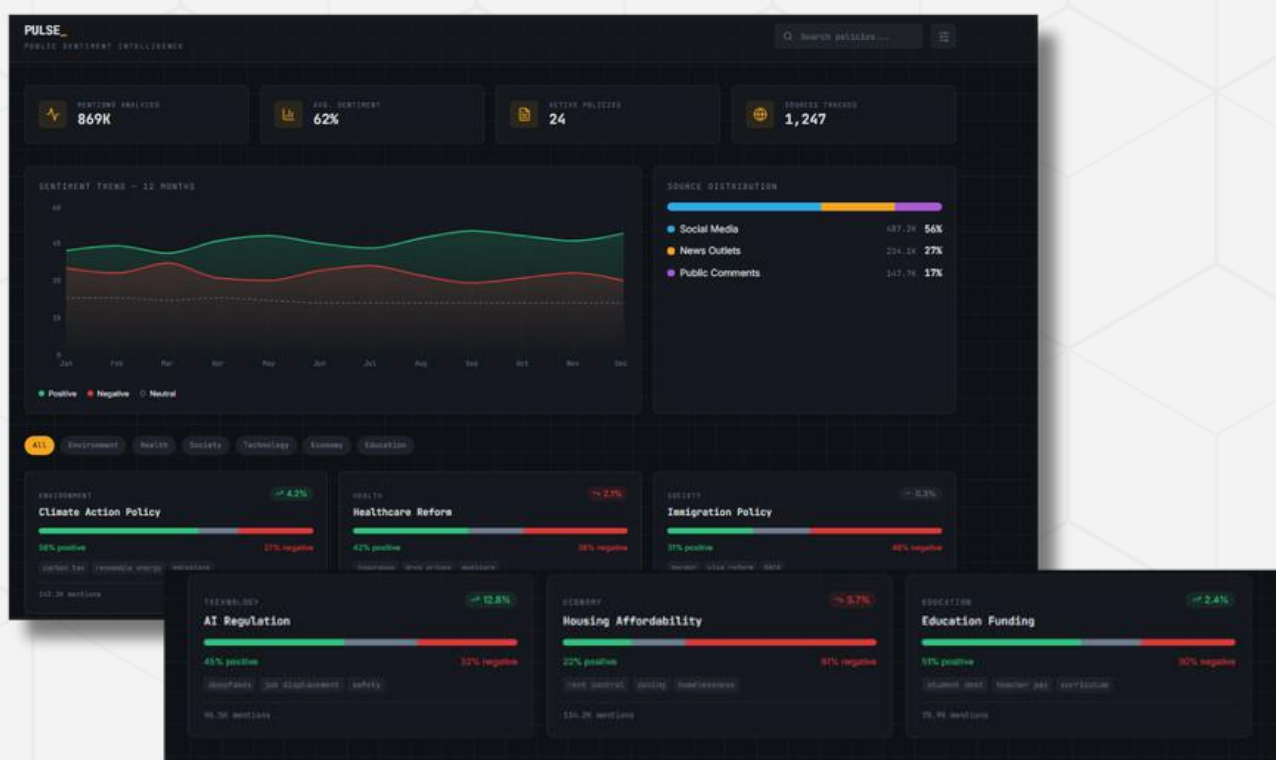
Evidence-based policymaking, data integration, stakeholder impact analysis

See portfolio-ready AI x Public Policy projects students build with Delta AI



Public Sentiment Analysis for Policy Issues

An AI-powered tool that analyzes public opinion on policy issues using social media, news, and survey data. Similar to systems used by governments and research organizations to track sentiment, understand public priorities, and inform data-driven policymaking.



Skills demonstrated



- NLP and text data processing
- Sentiment analysis & classification
- Social media and survey data analysis
- Data cleaning & bias handling




Real-world outcome



Students build the same type of public opinion analysis tools used by governments, think tanks, and research organizations. A strong project for any public policy or social impact-focused application.

Built with



-  Python (NLTK, scikit-learn)
-  Social media & survey datasets
-  Data visualization

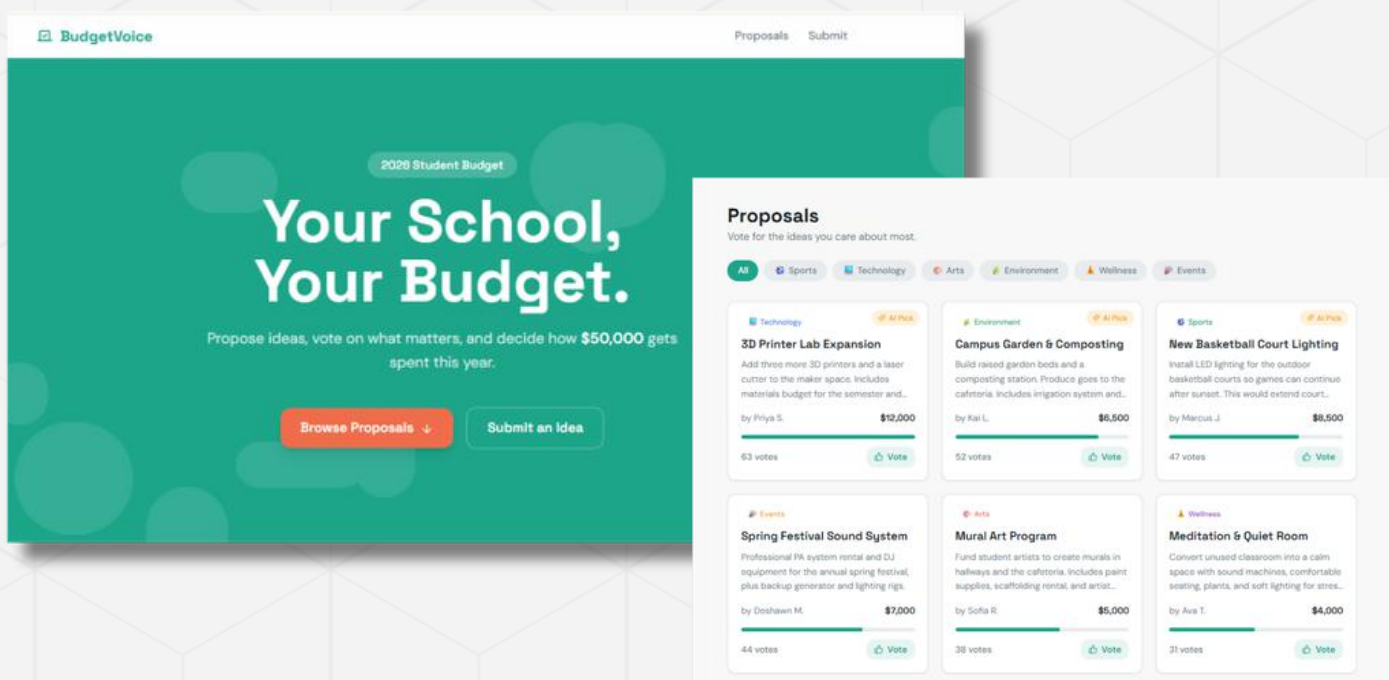
Your deliverable



Portfolio ready live project, white paper, and public GitHub repo

Participatory **Budgeting Platform**

An AI-powered civic platform that helps citizens propose ideas, vote on budget priorities, and explore recommendations based on community needs. The same kind of approach used in real participatory budgeting and digital democracy platforms around the world.



Skills demonstrated

- Recommendation systems
- Voting and preference analysis
- Web platform development
- Data visualization and civic decision-making



Real-world outcome

Students build real civic tech platforms like those used by governments and NGOs. Shows admissions officers you can tackle real-world policy challenges with data.



Built with

- Python (Flask, scikit-learn)
- Public datasets
- Web & data visualization



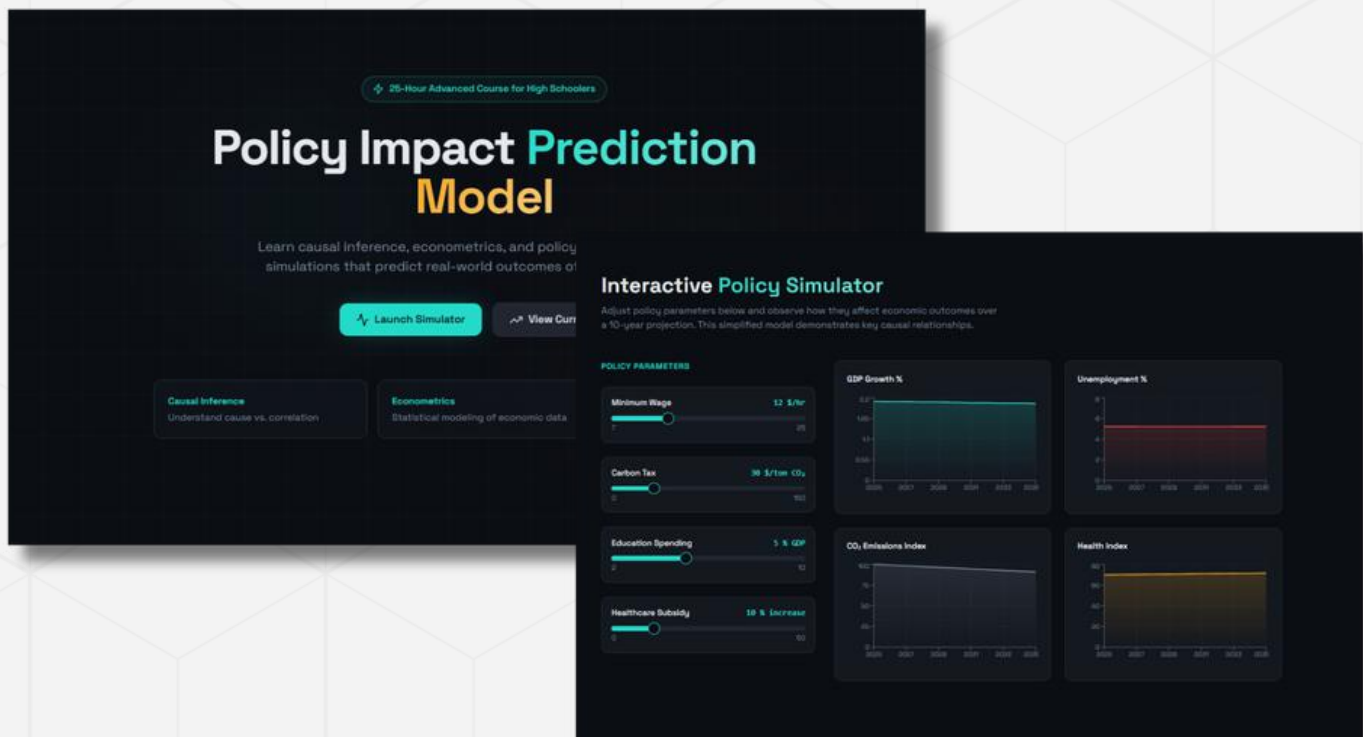
Your deliverable

Portfolio ready live project, white paper, and public GitHub repo



Policy Impact **Prediction Model**

A powerful AI policy simulator that forecasts the impact of new policies using data, causal modeling, and scenario testing, just like the tools governments and economists use to make smarter decisions before taking action.



Skills demonstrated



- Data-driven policy evaluation
- Causal reasoning & impact estimation
- Simulation and scenario planning
- Critical thinking under uncertainty

Real-world outcome



Students build policy simulation tools similar to those used by governments and think tanks a powerful “I built AI to predict real-world policy impact” story for applications.

Built with



- Python (scikit-learn)
- Policy & economic datasets
- Simulation & visualization

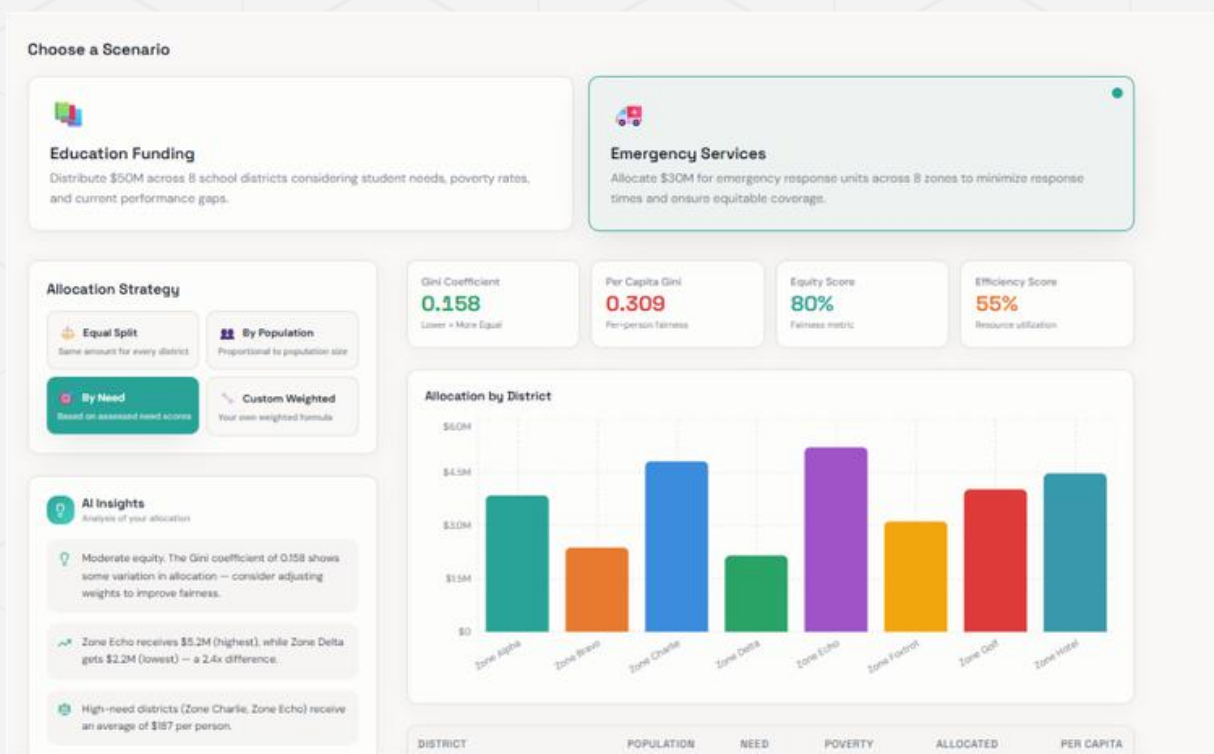
Your deliverable



Portfolio ready live project, white paper, and public GitHub repo

Resource Allocation Optimizer

A smart optimization system that allocates public resources like emergency services and education funding, balancing efficiency and fairness. Inspired by tools used by governments and urban planners to make smarter, more equitable decisions.



Skills demonstrated

- AI-driven optimization
- Machine learning for decision-making
- Data modeling & analysis
- Strategic policy thinking



Real-world outcome

Students work on real-world resource allocation challenges using AI. A strong project for demonstrating impact-driven thinking on college applications.



Built with

- Python (Pyomo, scikit-learn)
- Public datasets
- Plotly Dashboard



Your deliverable

Portfolio ready live project, white paper, and public GitHub repo



Program Structure: AI Immersive (1:1)



AI Immersive offers **25 hours of 1:1 mentorship** from an industry expert. Most students complete it in **10-12 weeks**.

A Learning Experience Built Around You

- Learn at your own pace with flexible scheduling.
- All ages welcome - middle school through adult learners.
- Every skill level - from your first line of code to advanced projects.

THE JOURNEY



ONBOARDING & MENTOR MATCHING

We pair you with a mentor who aligns with your interests, timezone, and project goals. The kickoff includes orientation and an initial project discussion and brainstorming!



PERSONALIZED GOAL SETTING & CURRICULUM

Your mentor defines clear learning outcomes, maps weekly milestones, and builds a personalized curriculum tailored to your experience level.



FOUNDATIONAL LEARNING

Learn essential AI concepts, tools, and techniques through hands-on, mentor-guided sessions covering Python, Data Handling, and ML Model basics.



PROJECT BUILD

Apply your skills to develop a complete AI project with technical guidance, troubleshooting support, and iterative improvements from your mentor.



PRESENTATION & EXPERT REVIEW

Present your completed project for expert evaluation and receive detailed feedback with a roadmap for next steps.



REFERRAL LETTER & NETWORKING SUPPORT

Students who complete the program and complete the project receive a mentor-endorsed letter for college or internship applications.

Support Beyond Sessions

- ✉ After-hours email and chat support from mentors.
- 📱 Messaging, Scheduling Sessions via CrimsonApp.
- ⏸ Ability to Pause program during busy times (exam season etc).
- 🏠 Be part of Delta AI Discord Community.

Program Structure: AI Intensive (Cohort)



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

THE JOURNEY



WEEK 1 | SET UP + SHIP YOUR FIRST AI APP

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



WEEK 2 | EXPLORE AI + DEFINE YOUR PROJECT

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



WEEK 3 | REFINE + PREPARE

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



WEEK 4 | BUILD YOUR AI PROJECT






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







WEEK 5 | LAUNCH + DEMO DAY

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

WHAT YOU'LL WALK AWAY WITH

-  Two AI projects aligned to your interests
-  Live website or shareable demo links
-  Public GitHub repos
-  Slide deck, demo video, and short white paper
-  Certificate of completion and mentor recommendation letter

Support Beyond Sessions

-  After-hours email and chat support from mentors.
-  Messaging, Scheduling Sessions via CrimsonApp.
-  Ability to Pause program during busy times (exam season etc).
-  Be part of Delta AI Discord Community.



Ready to Build Your Own **AI x Public Policy?**



REGISTER YOUR INTEREST

Hayato M.

Delta AI Immersive Alumni, Project: **Neural Fold**

"I never thought I could create a project that **integrates my culture and AI**. This experience has opened new doors for me."



Ajssel B.

Delta AI Intensive Alumni, Project: **Nananet Chatbot**

"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.**"



Learn from the best!



Not into Public Policy? **Explore AI projects in other fields too.**

Business | Finance

Music | Fine Arts

Mechanical Engineering

Environment | Sustainability

Medicine | Biology

And Many More!!