Meri Nova • Following

ML/AI Engineer | Community Builder | Founder @Break Into Data | ADH...

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If I wanted to break into Machine Learning in 2025, these are 3 types of projects I would have in my portfolio:

Forget the cookie-cutter approach of "1 LLM-powered chatbot, 1 Pytorch project, and 1 scikit-learn tutorial".

Trust me, no one's scanning portfolios for general implementations of popular libraries.

Instead of following the crowd, focus on demonstrating depth and breadth in key ML competencies:

1. An End-to-End ML Pipeline
Skills to demonstrate: Data preprocessing, feature engineering, model selection, hyperparameter tuning, deployment, and monitoring.
Trust me you will learn a LOT by doing this.

2. A State-of-the-Art Model Implementation
Skills to demonstrate: Deep understanding of cutting-edge algorithms, ability to read and implement research papers,by translating math equations into working Python code.

3. Find A Real-World Problem you care about.
Skills to demonstrate: Problem framing, business impact assessment, data acquisition, approach and tech stack selection, ethical considerations, and project documentation.

You could integrate all 3 aspects into one comprehensive project or showcase them separately. The key is demonstrating your ability to tackle real-world ML challenges and make a tangible impact.

Stop endlessly consuming courses and start building!

If you want to learn more about how to build a portfolio join our event, where we will share 20+ project ideas and guidelines in Data, AI & ML:

🎁 Once you register, we will email you a PDF and a recording!

Happy coding!

#machinelearning

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This perspective shift is important! Well said Meri Nova

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