

# AI Stock Oracle — Full Insights + Survival Checklist

## Foundational Concepts (Beyond Basic Spec)

- Big 3 Synchronization: AI, Power, Water sectors expanding together triggers UTR companies.
- Not tracking sectors separately, but their ripple effects.
- Target: Pick up activity from obscure, secondary and tertiary suppliers.

## True Role of UTR Companies

- UTR = predictive early signal.
- Cafeterias, badge printers, fiber techs, small suppliers.
- Pick them before public awareness reaches them.
- Institutional investors will be late — you will be early.

## Strategic Advantage Inside Your Model

- Pearson  $r > 0.8$  = solid non-noise correlation.
- Brand visibility filter keeps giants (e.g., Cisco, Dell) OUT.
- Your alpha comes from matching obscurity + growth.

## Data Challenges to Expect (And Outsmart)

- Procurement data = messy.
- Social signals = noisy.
- Duplicate company names across regions.
- You'll need retries, scraping resilience, fuzzy entity matching.

## Future Upgrade Path

- Knowledge Graphs (Neo4j, DuckDB).
- Active Learning: reinforce manual tagging feedback.
- Real-time streams: push notifications and early signal dashboards.

## Subscriber Psychology (Critical for Success)

- VCs, funds care about clean provenance — not flashy UIs.
- Show audit trails: Permits → Reddit chatter → Hiring spikes → Contract leaks.
- Documentation builds confidence. Confidence builds revenue.

## Mission Critical: Never Box Yourself In

- Promise 'motion detection', not 'sector coverage'.
- Market as 'supplier signal detection', not 'stock picking'.
- Leave it broad enough to adapt as infrastructure needs change.

## Survival Checklist (DO NOT SKIP)

- ✓ Never promise sector-wide expertise. Only pattern detection.
- ✓ Always show evidence for UTR detection: timeline the growth.
- ✓ Never get locked to a vendor (NewsAPI, Reddit APIs — always have backups).
- ✓ Save all raw signal data — you'll need it to train better extractors.
- ✓ When doubt creeps in, remember: dust rises before earthquakes.
- ✓ The small contractors will always hint first. Always.