

Ai Development Schedule Template (Deep Learning App) Blueprint

successful end to end Dapp Delivery

Side note learning pillars: (a) Ai Training (b) Ai Compute (c) Ai consumable data

Financial Roadmap: As an initial step for solutions, we need to expose the following: **What is the estimated expected numerical/monetary return derived from using any large software solution we develop?** This has been observed as an optimal way to spark client interest and help to ensure stakeholders are being satisfied!

Crucial (queue): Data analysis phase (ensure ai consumable data exists) → R.E.D rapid experimentation (Step 1) → Delivery

Crucial (1): At each step, we consider the red section below, i.e. always check to see that client requirements are being adhered to, in order to avoid time wasting in development time and budget.

Crucial (2): A direct line should always be open from the data scientists at the beginning of the org chart, up to the Ai head, former Ai manager, at AICE – Ai Center of Excellence in Africa, in keeping with (1).

Crucial (3): Pad expected goal delivery by 2 extra days.

Day (Day indicated by number)

1. 3 hours: Bootstrap-I fundamental Neural Network Programming

Remainder of day (5 hours): Bootstrap-II existing open-source solution into goal economic indicator prediction app.

Step A→ Precisely define problem/Ai goal. Add feasible milestone overviews, delete infeasible components.

Step B→ Identify and **organize data.**

Step C→ Identify/select basis Ai code, **by selecting solution with prior proven great (+80 to 90%) starting accuracy. (Ensure to aim to avoid high sensitivity/ but low specificity models for eg!!) We can also use tools like WeightWatcher for analysing NeuralNetworks without needing access to test/training data. WeightWatcher may help to move forward with less experimentation time on data/testing, and enable Quicker time to market.**

2. & 3. **Bootstrap-II continued:**

Step D→ **Develop End to end** solution from basis Ai code.

4. Bootstrap-II continued:

Step E→ Test end to end solution.

5 to 6 days of padding, i.e. account for errors and growing learning curves.

Description (Match by Day number)

1. 3 hours **DESCRIPTION**→ **Neural nets are general problem solvers**, present in most successful Dapps (deep learning apps today from eg finance like Neural network powered **fraud detection**, to self driving cars). Bootstrap-I is an adequate way to help with further QA testing, given reasonable understanding of fundamentals. QA testing is infeasible without basic understanding.

Remainder of day (5 hours)
DESCRIPTION→ By bootstrapping an existing solution, we aim to minimize overall time to delivery.

Step A: Properly define requirements, as it relates to client requirements. The goal is not to waste development time, on a solution that does not satisfy client requirements, no matter how well built the solution is.

Step B and Step C: Ensure data (step B) is appropriate or consumable by the Ai module (step C)

2. & 3. **DESCRIPTION**→

Develop end to end solution, i.e. Go from data to suggestion actions/inference.

4. **DESCRIPTION**→ From historical data, determine precise accuracy or rank of end-to-end solution.

5. **DESCRIPTION**→ **Account for potential obstacles, possible for every case of Corporate IT development.**