## <u>MLJI</u> Training Schedule Template (Deep Learning App) God Bennett's **Blueprint for successful end to end Dapp Delivery** MLJI, 2023

<u>Crucial (queue)</u>: Data analysis phase (ensure ai consumable data exists) → R.E.D rapid experimentation (Step 1) → Delivery <u>Crucial (1)</u>: 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. <u>Crucial (2)</u>: A direct line should always be open from the data scientists at the beginning of the org chart, up to the Ai head, Ai manager, and Prime head of <u>MLJI</u>, in keeping with (1). <u>Crucial (3)</u>: Pad expected goal delivery by 2 extra days.

Day (Day indicated by number)	Description (Match by Day 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.	<ol> <li>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 Fico 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.</li> </ol>
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 great (+80 to 98%) starting accuracy.	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)
<ul> <li>2. &amp; 3. Bootstrap-II continued:</li> <li>Step D→ Develop End to end solution from basis Ai code.</li> </ul>	<ol> <li>&amp; .3 <u>DESCRIPTION</u> → Develop end to end <u>solution</u>, i.e. <u>Go</u> from data to suggestion actions.</li> </ol>
<ul> <li>4. Bootstrap-II continued:</li> <li>Step E→ Test end to end solution.</li> </ul>	4. <b>DESCRIPTION</b>
5 to 6 days of padding, i.e. account for errors and growing learning curves.	5.DESCRIPTION→ Account for potential obstacles, possible for every case of Corporate IT development.

In future projects, data scientists or developers present plans that are discussed all the way up to the Heads, to avoid waste of development time where applicable.