



2. On a new social media platform, you're rolling out a new anti-spam system to flag and hide spammy posts. Your team decides to roll out the anti-spam filter via a canary deployment, and roll it out to 1% of users initially. Which of these would you advocate?

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- ☐ After a successful canary deployment, begin to implement a shadow mode deployment.
- ☐ Monitor that 1% of users' reaction, and either gradually ramp up (if it's going well) or rollback (if not)
- ☐ Monitor that 1% of users' reaction, and if it goes well, flip the switch to send all traffic (100%) to the system.
- ☒ Use a plan to ramp up to more users at a fixed rate: 1% in the first week, 2% in second week, 4% in third, and so on, so that the rollout can be well planned and managed.

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While it's a great idea to ramp-up your canary deployment if it a success, this ramp up need not be scheduled at such a fixed rate. As well, in the case of an issue, you may consider a rollback too.

3. You're building a healthcare screening system, where you input a patient's symptoms, and for the easy cases (such as an obvious case of the common cold) the system will give a recommendation directly, and for the harder cases it will pass the case on to a team of in-house doctors who will form their own diagnosis independently. What degree of automation are you implementing in this example for patient care?

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- ☐ Human only
- ☐ Shadow mode
- ☒ Partial Automation
- ☐ Full Automation