

Gamification system

1. Eggs:



1.1 what are eggs ?

Eggs are the main scoring system in our platform they essentially replace the concept of points that is used in many other platforms.

1.2 how do i earn eggs ?

- Users can earn eggs by completing challenges, finishing learning paths , or from the prizes of the streaks.
 - Different challenges and learning paths can have different egg rewards, based on their difficulty or importance.
 - Users can see their current egg balance on their profile page, and track their progress towards their next badge or reward.
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2. Badge system



2.1 how do i earn badges ?

- There are 10 badges that users can earn, each representing a different level of achievement or expertise.
- To earn a badge, users need to accumulate a certain number of eggs, as follows:

Badge	Eggs
Barbados	0
Threadsnake	100
Rignneck	250
Rattlesnake	450
Viper	650

Badge	Eggs
Black Mamba	850
Cobra	1050
Python	1300
Anaconda	1550
Titanoboa	1800

- Once a user earns a badge, it will be displayed on their profile page and can be used as a bragging right.
 - The badges are designed to be aspirational and prestigious, motivating users to keep learning and improving their skills.
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3. Streak system

3.1 What are streaks ?

- Users can earn streaks by consistently logging in and doing an activity in the platform.
 - A streak represents the number of consecutive days a user has completed an activity, and is reset to zero if the user misses a day, but they can start a new streak by resuming their activities the next day.
 - Streaks can earn users extra eggs , based on their length .
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4. Leaderboards

4.1 How does leaderboards work ?

- The platform will have separate leaderboard for each challenge that display users with the highest evaluation score given by the system or the judge , as well as a global leaderboard that display users with the highest overall egg score .
 - Users can compete with each other to climb the leaderboards and earn recognition or rewards.
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5. Life system



5.1 How does the life system work ?

- Users will start gamified courses with 1 hint and 3 lives , which represent their ability to make mistakes or fail challenges.
- Each time a user fails a challenge or makes a mistake, they lose a life.
- If a user loses all their lives, they will have to wait for 2 days before they can attempt gamified courses or learning paths again.
- Lives can be replenished by earning PyCoins .
- The life system encourages users to take calculated risks and learn from their mistakes, while also preventing them from becoming too frustrated or demotivated.

6. PyCoin currency



6.1 What is PyCoin ?

- PyCoins are a virtual currency that can be bought by users.
- PyCoins can be used to buy lives, unlock new gamified courses, learning paths or certificates in our platform.

6.2 Pricing Table

PyCoins	Price
100	3\$
500	13\$
1000	20\$