REINFORMENT LEARNING

K-arm bandit based solution for A news value maximiser:

Politically and commercially affiliated media companies are tasked with maximizing the views for certain articles more than others. Build a system that maximises the views for these "aligned" articles.

- •Media companies need to maximize views on certain politically or commercially aligned articles.
 - Treat each article as an "arm" in a K-armed bandit problem.
 - Reward = number of views the article gets after promotion.
- Need to balance between exploring new articles (randomly promoting) and exploiting the best-known articles.
 - Use Epsilon-Greedy:
 - With probability ε, pick a random article.
 - With probability 1-ε, pick the article with the highest reward so far.
 - After promoting an article, update the strategy based on the views it got.
- Over time, this approach helps focus on articles that consistently get more views, maximizing the total view count for aligned articles.

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