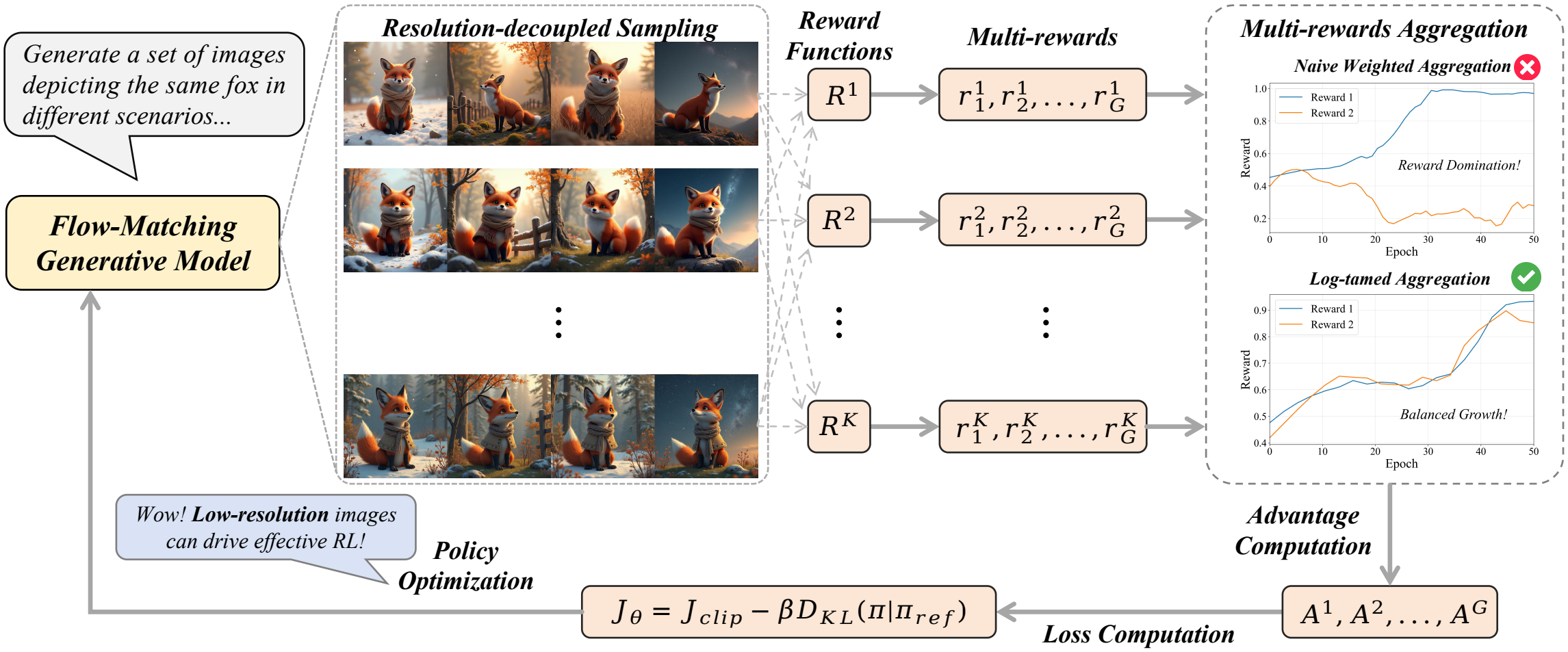
Generate a set of images depicting the same fox in different scenarios...
Flow-Matching Generative Model
Resolution-decoupled Sampling
Reward Functions
Multi-rewards
$R^1$
$R^2$
$R^K$
$r_1^1, r_2^1, \ldots, r_G^1$
$r_1^2, r_2^2, \ldots, r_G^2$
$r_1^K, r_2^K, \ldots, r_G^K$
Multi-rewards Aggregation
Naive Weighted Aggregation
Reward 1
Reward 2
Reward
Epoch
Reward Domination!
Log-tamed Aggregation
Balanced Growth!
Advantage Computation
$A^1, A^2, \ldots, A^G$
Loss Computation
$J_\theta = J_{clip} - \beta D_{KL}(\pi|\pi_{ref})$
Policy Optimization
Wow! Low-resolution images can drive effective RL!