Serverless Query Processing
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Goals: Give users a sense of the time & monetary tradeoff of their queries & cloud providers a truly serverless query processor.

Future Work:
We plan to improve our system in two ways: (1) the modelling of the tasks and (2) the estimation of the query times. For the task modelling, we plan to switch over to a Bayesian approach with a prior to better account for the task distributions. Additionally, we plan to investigate how we can run the query on a sample of the data to determine the run time of the entire dataset.

For the estimation of the query times, we will add more complexity to the heuristics being used to find the Pareto curve faster. Furthermore, we will reduce the problem of determining which cluster configurations to sample to the multi-armed bandit problem.