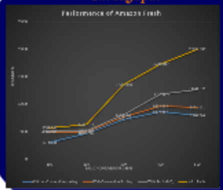
AmazonFresh: Rekindling the Online Grocery Market

TheCaseSolutions.com

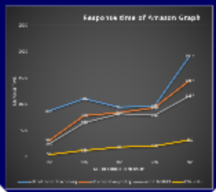
AmazonFresh

Presentation by Tommy

Performance Graph for Throughput



Performance Graph for mean time



Dynamic Pricing Algorithm

- Offering 40% discount on all the product on special occasions like Christmas, New Year, US Independence day.

```
var constant=1;
if (today==xmas||newYear||independenceDay)
{ constant=0.6; }
product_price=db_Price*constant;
bill_amount=product_price*qty;
```

- Dynamic pricing on demand supply:

```
select price,inventory from products where product_name like
"________________" and category like "________________"
select count(*) as numofbills from billing where
products_id="____________________" and bill date between
"________________" AND "______________"
if(inventory<min_inventory && numofbills>goodbillcount)
{price =price*1.2;}
if(inventory>max_inventory && numofbills<badbillcount)
{ price =price*.8;}
```

Extra Features:

- Historical revenue graph
- Displaying statistics per area.
- Computation of average rating of the products.
- Driver allocation algorithm.

Team Members

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Tarana Kubreja

Tushara Sasiharan Arakkan

Ajay Modi

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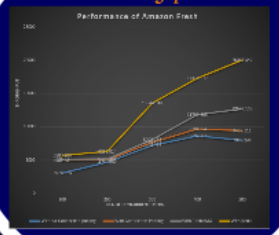
Presentation by Team v

Performance Graph for Throughput



Performance Graph for mean time

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- Dynamic pricing on demand supply:

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select price,inventory from products where product_name like
"_____" and category like "_____"
select count(*) as numofbills from billing where
products_id='_____' and bill date between
"_____" AND "_____"
if(inventory<=min_inventory && numofbills>goodbillcount)
{price =price* 1.5;}
if(inventory>=max_inventory && numofbills<badbillcount)
  { price =price* .8;}
```

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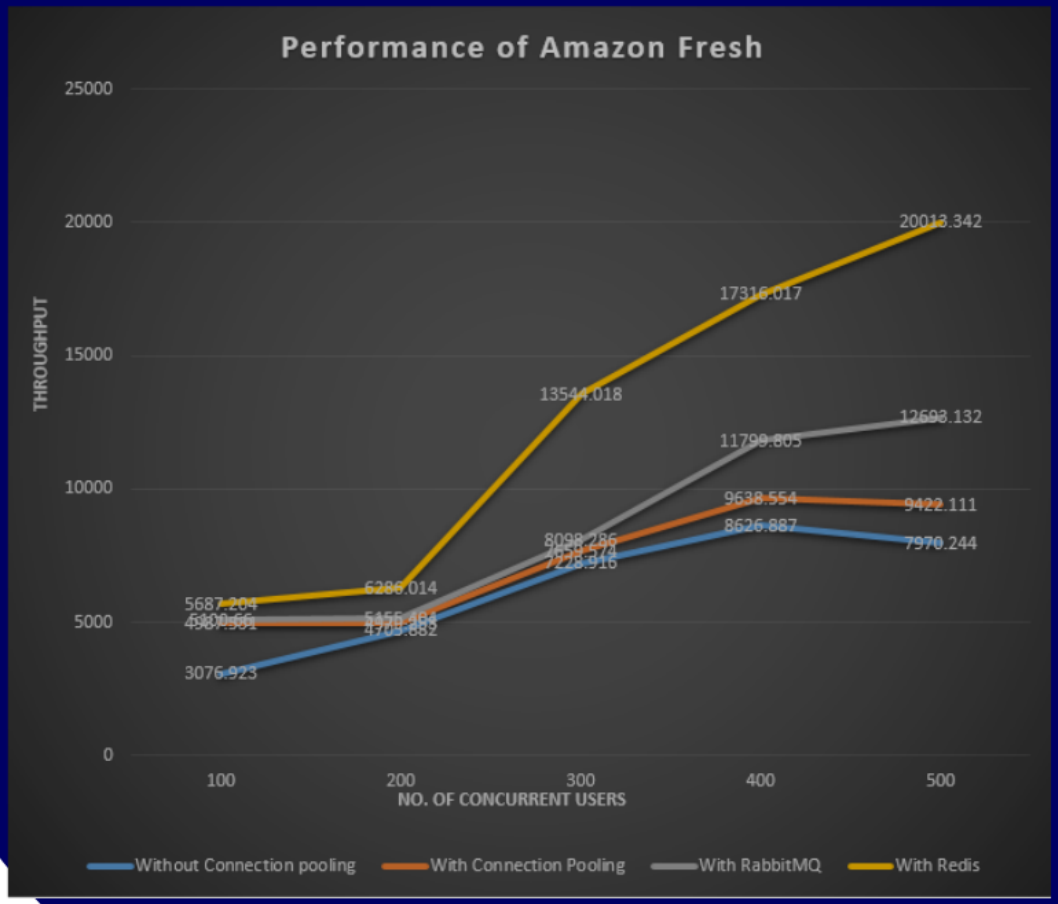
Presentation by Team 9

Performance Graph for Throughput



Performance Graph for mean time