```
re: Invent 2019 Keynote - Andy Tassey
        65,000 attenders
        Theme - innovators who have re invented custom experience on the Aws tech platform
              Transform / is: Invent austomer experience
1. Don't West Transformation is about loadership
                      - Senar tean algument (and conviction)
- Top down aggressive goal
                      - Train your boilders
- Don't let peralysis stop you before you start
2. Don't stop me now ..
             " check box heros"
                 IT Spen ~ 3% down 97% on prem
Aus 47.8% of closed undbet
               Compute - Tustances, contamers, network
  * Mult-cast lasaching today
             Instance innovation: Aus Nitro system - offlood hyperussor
                 Notro 250 moses et control Notro chip

ouran la chip

Re invated virtualization lager
       ARM based instances - Graviton thip from Anopy of Labs
       XM65, R6g, C6g New instance type based on ARM grasitar
                   40% price [ perf over *86
                                                  Graviton 2
        Machine Learning - Inferences / Predictions mojority of
the cost (80%-90%) is training
      * Launch Inf 1 instances for ECZ bodged by

New Inferntion Chips ECS

Thital Support ECZ, EKS,
                 benear fla
                                                               Sagemaker
                 Property market
```

\* Amazon Fargote for Amazon EKS 40% from contemer customers to Aux choose Forgate \* Nitro Enclaves 2020 Transaction Banking - Digital Platform About Wounds = coldinan Sacks marquee into the key note = prolitical same APIS jub the Kaynote 3. Is that All You Get For Your Money? on pron vs cloud Manisone decon - redo es morro servicos

- mot on a per workload 66573 oracle wadows 19 Sdc Server 4. The Hunger Keeps on Gramy Data Data Silvs to Data Lakes
53 -most propular for Sala lakes \* IAM Access Analyzer \* Ameter 53 Access Prints
- Customited access parassion voles for each of your approarrows -supposes manying data a coss of scale of applications to access data sets texas Russhift - Consumary scaling x Federated query - redstrett, 53, reletimed do \* Deta Lake Export or Materialized Vous Many features released this year \* Redslift RA3 Instances with Manages Stateges Scale ampte and Strage Separately

Hard to cost effectively sak athat compouning, compute

Comple not keeping up with increases on strage performance \* AQUA (alsoned gray accelerator) for All Amoren Radshift - custom hardware to economic compression, encryption

- Do the complet on the raw storage

breat componers - keep listening to their customs and innotating on

their belief \* Ulfra Worm - worm s brage layer for elestic Sourch - better duration buden by 53 Right Tool for the right

Joh to sac may, has

best exp for your contines \* Amakon Managed Apache Cassendra Service 5. I we worked goo wels -- Madre Levery tools - Early Jays: working with clocky tools - 8 pl of Tensor Plan in the cloud 1 ms on Aus - Bry Aws - valuent on scaling The across handreds of Gpis, ot "Robitad by the rollings Py Torch and Mallet results too Aus Sovices M Services - Sige Maker Francolo - Espets

\* Say Maker Stod of web Back IDE for a MC project

needed for a MC project one dale notebooks . In elastre compate \* Amaton SqueMaker Expressionet \* Sase Maker Debugger Concept Srift - changes where model perfron declines & Sage Maker Model Monitor at Sage Maker Aub Pilot Auto MC with transporting (sisibility/contro)

\* Amazon Fraud Detector \* Ameton Code Gold -ML service to review your -add Catters to gover pull regnet ML Stake Analysis, MC profiling \* Confact Loss for Amazon Connect analysis. long periods of Slevel, -t-- search our transcripts - deshiboards - mod 2020 - real fine dash boards \* Amaton tendra -entroprise search with Mand WLP 5. Break on Through to the other sot Help customers deel all us down " " there are to sty on pren " \* Aws Outports GA Two flows - Aus as fut VM Grape on ord place Ice EBS Ecs EKS EMR VPC RDS 53 \* Aws Local Zones Ecz FSX ELB EBS JPC ROS worklands in corfon geographies that need sight dist How should continues think about 56 m) how to leverage it?

- Network lakeney gary to lows
- More processing it the edge hard latentage missing furnificant of AWS Wallerst Build apps with single digit latency .-Aus) - Jomiss - we can do it better chance to se Invent