



REIMAGINE THE VALUE OF MARKETING

We are an independent marketing intelligence company with the people and technology that help businesses win





What do we do?

We are experts in combining real-world and digital data and applying marketing intelligence to give our customers the insights that help them win.

Our core offerings help our clients:



Fuel brand growth and higher sales through award-winning, hands-on programmatic ad campaign management



Drive successful business outcomes through custom analytics solutions



Unlock value in any data asset through best-inclass AI technology with limitless scalability







PROBLEM STATEMENT

SOLUTION

We need to drive better revenue from our programmatic campaigns.

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PROBLEM STATEMENT

Our key business challenge is that of every booking, 30% don't turn into sales, because people don't pick up the car they pre-booked. We don't have the insight as we can't analyze our data because it's siloed into many platforms.

SOLUTION

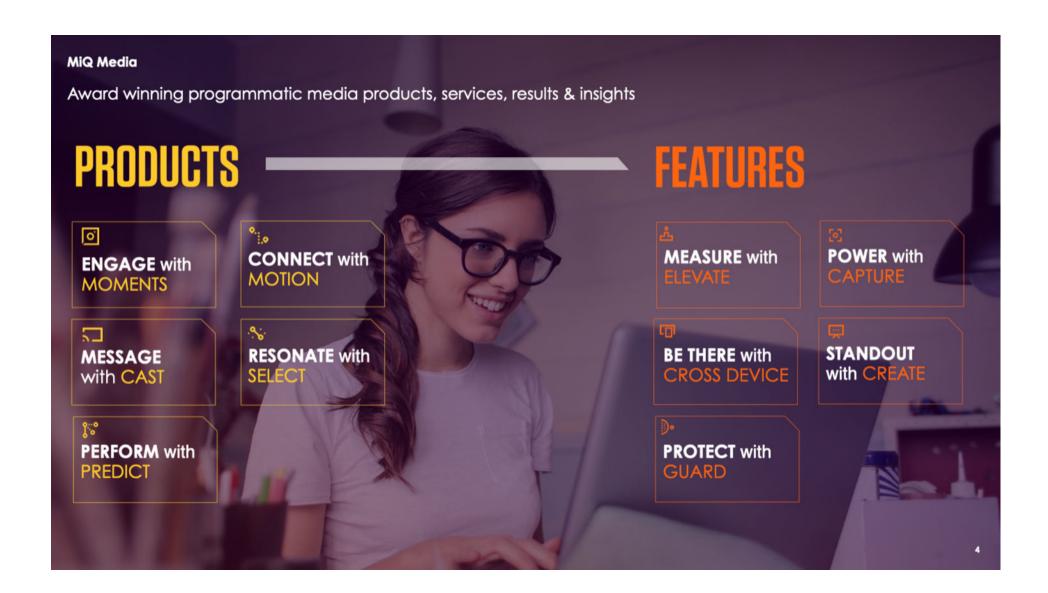
Leveraging our data lake and custom dashboard solution, we aggregated all Avis data insights into one warehouse and built easily accessible dashboards to pull reports. From there, our data scientist teams built models to create intelligence into why people reserve cars but don't pick them up.

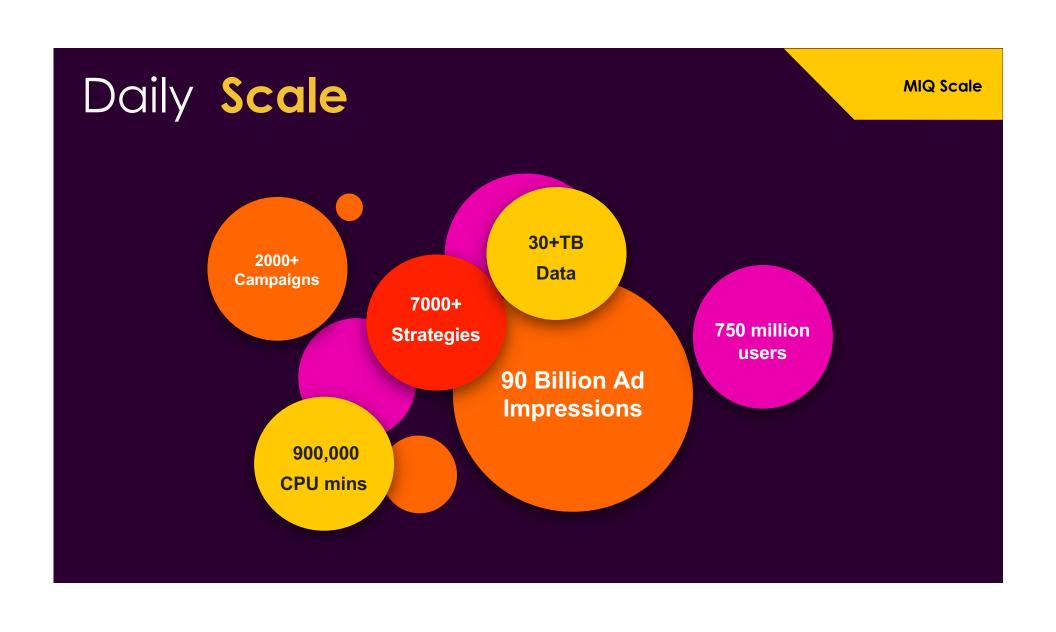
PROBLEM STATEMENT

My analyst team needs better self service access to our data lake.

SOLUTION

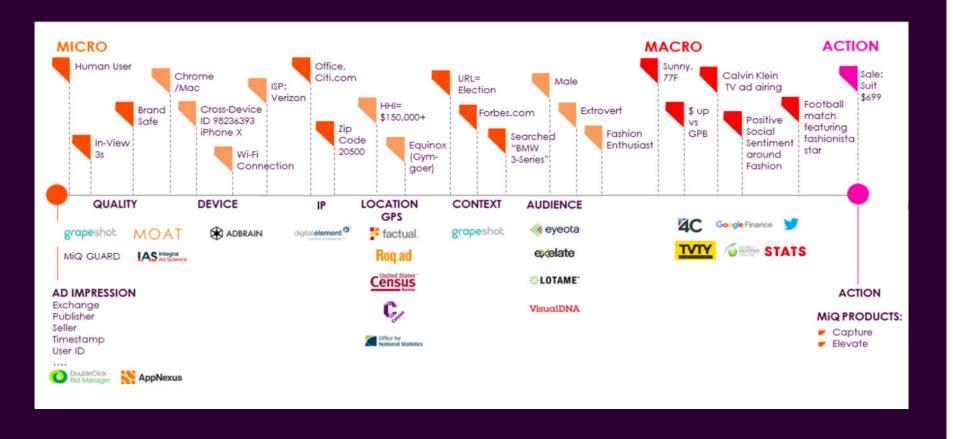
We built a custom Advanced Modelling Platform specifically for this agency and client.





MIQ Scale

Connecting Datasets



OTT INSIGHTS From MiQ

\$8.88BN

2020 investment in OTT that has historically had to take a test and learn approach

"How do I find my audience on OTT before spending a dollar?" 27%

Of marketers see inadequate metrics or measurement a barrier to OTT adoption

"How can I track performance of my TV investments in real time?" 24%

Of marketers see integration of data into activation as a barrier to OTT adoption.

"How do I optimize towards incremental value with OTT?"



We Do Advanced TV differently.

By applying our principles of programmatic to TV, we take the complexity out of the picture for you.

DATA DRIVEN

We apply a data-science led approach to connecting over 150 different datasets, including tens of millions of viewership data

PARTNER AGNOSTIC

So we can bet big on the best partnerships, connect exactly the right data and activate flexibly across every channel.

CURATED SUPPLY

Our team work hard to give you the screen, genre & content level targeting that fits your need regardless of platform or supplier.

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MIQ ADVANCED TV

CONNECT

Get maximum reach & representation of US TV viewing, with multiple, connected viewership data partnerships, providing us daily raw data feeds from millions of US households.

DISCOVER

Converged planning insights across broadcast and digital, connected to first party and digital data with our TV Intelligence platform.

ACTIVATE

Reach precise audience with premium OTT supply across open and closed buying platforms, expertly curated and de-bundled all in one place.

OPTIMIZE

Get faster results by tapping into our principles of performance marketing applied to TV activation. Prebid verification, inventory classification, SPO & flexible, automated set up.

MEASURE

Close the loop on TV with measurement connected to the metrics you care about like reach, frequency optimization, brand insights, offline outcomes or digital performance.

Automatic Content Recognition

- ACR Technology true to its name can identify the content played on a Smart TV
- MiQ buys the data from the provider & ingest it into our AWS lakehouse architecture.
- The ACR data is then used to build out solutions.

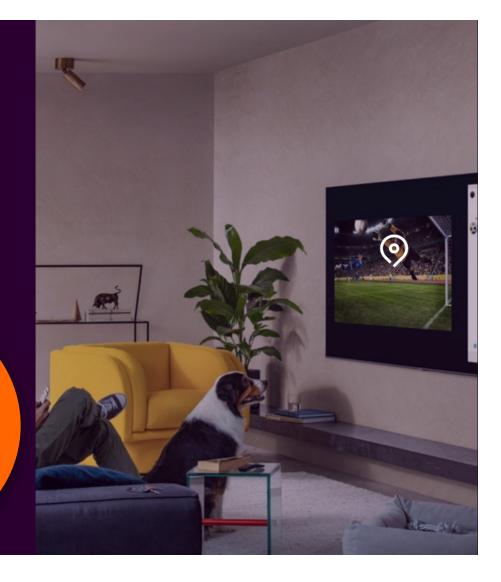
Multiple **Providers** 250+GB

Daily Data

Commercial, **Demographic**

Content,

30 million household



MiQ Advanced TV Solution

GOALS

Process ACR data with other datasets to Derive Insights Predict TV tune-in & Churn Target relevant audience across Multiple Platforms

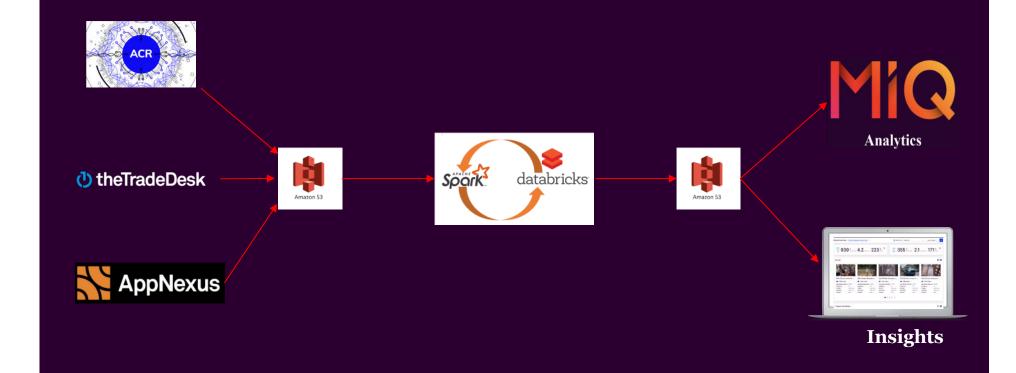
Advanced TV Solution



Lakehouse architecture, Big data ecosystem & Machine Learning

Data Pipeline Architecture

Processing Infrastructure



Processing Infrastructure

Data Preparation Challenges



High Runtime ~ 4.5 to 8 hrs

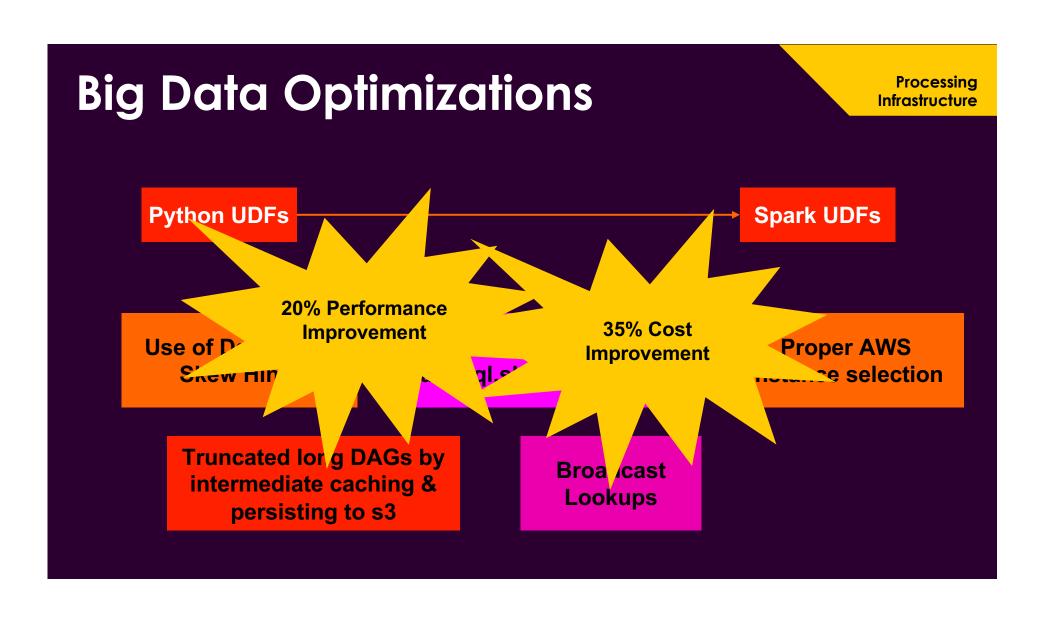


Increase in cost exponentially with new brands



Not Scalable

- Frequent failures
- Multiple Backfillings



Machine Learning

Who have high chance of starting to watching a show?

Who have high chance of churning a show?



Machine Learning

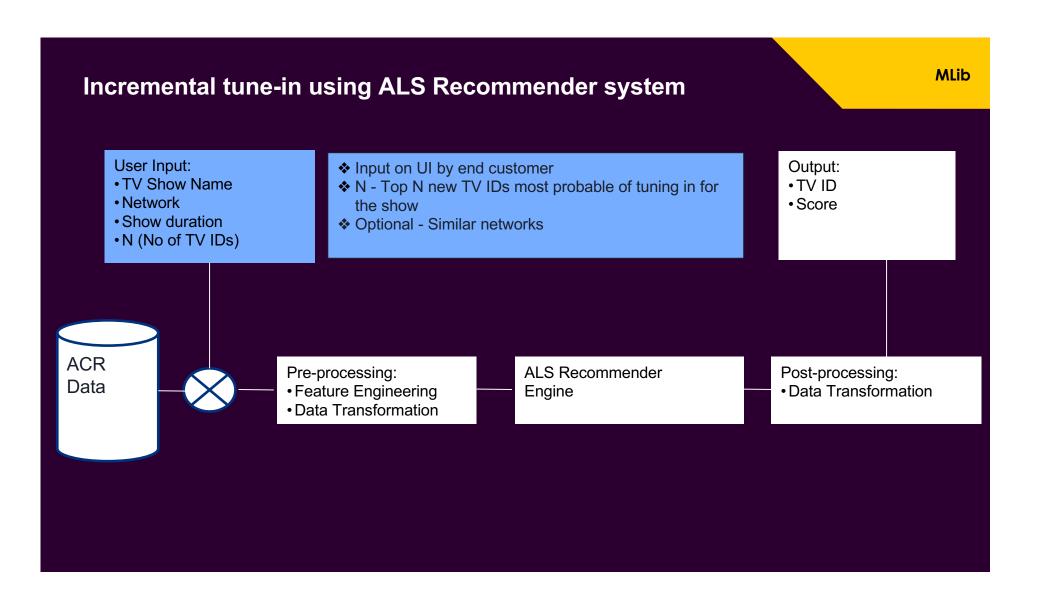
TV Show Tune-in Prediction

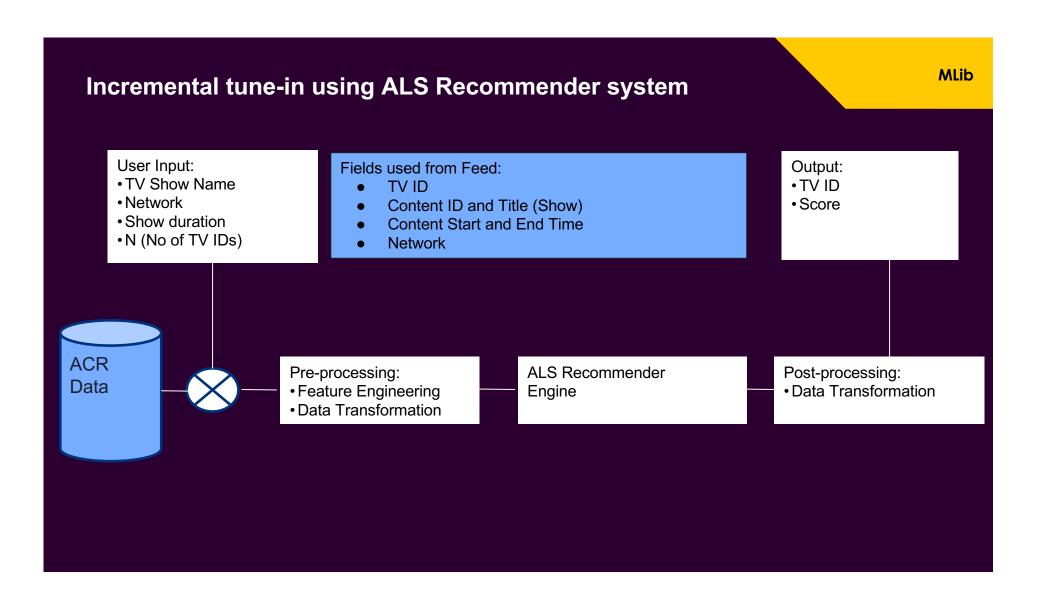
Incremental tune-in using ALS Recommender system

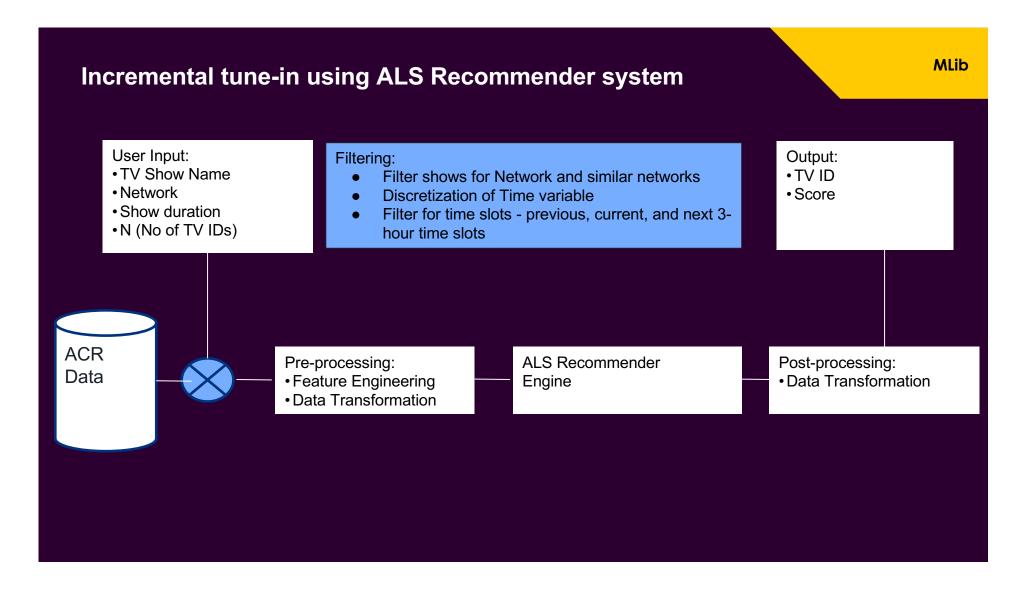
"Predict the new set of viewers who have higher probability of starting to watch the content, based on their TV viewing activities"

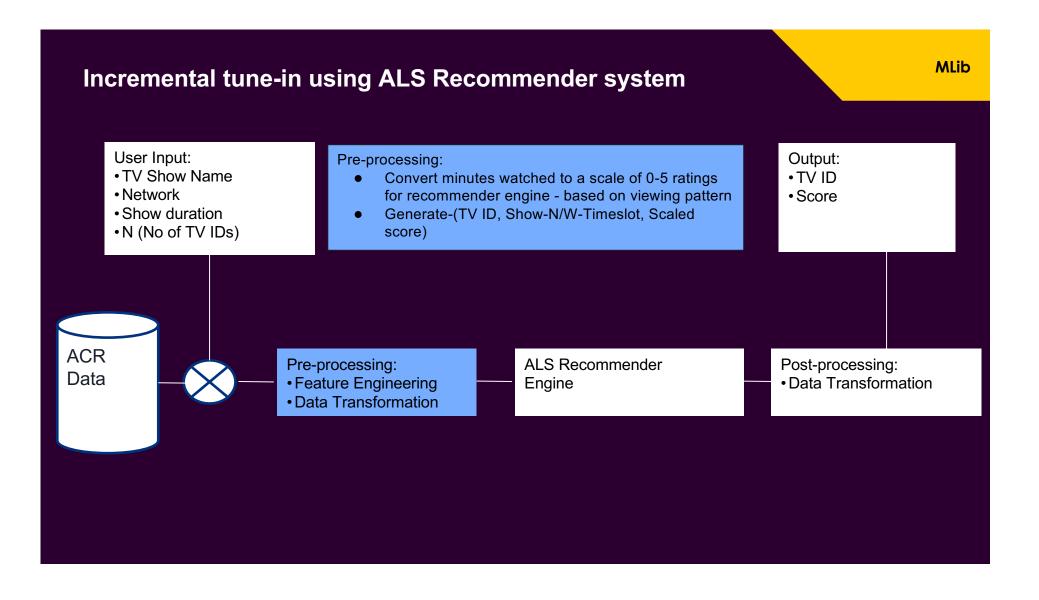
Repeat or Loyal viewers/Churn using Logistic Regression

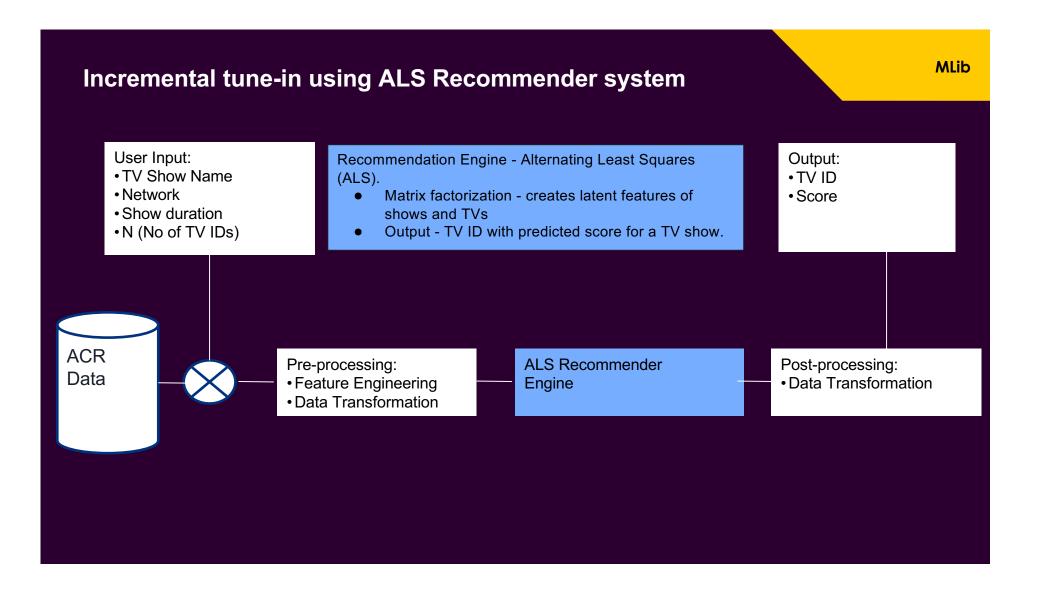
"Predict viewers who will continue watching the sequential content vs viewers who will churn"

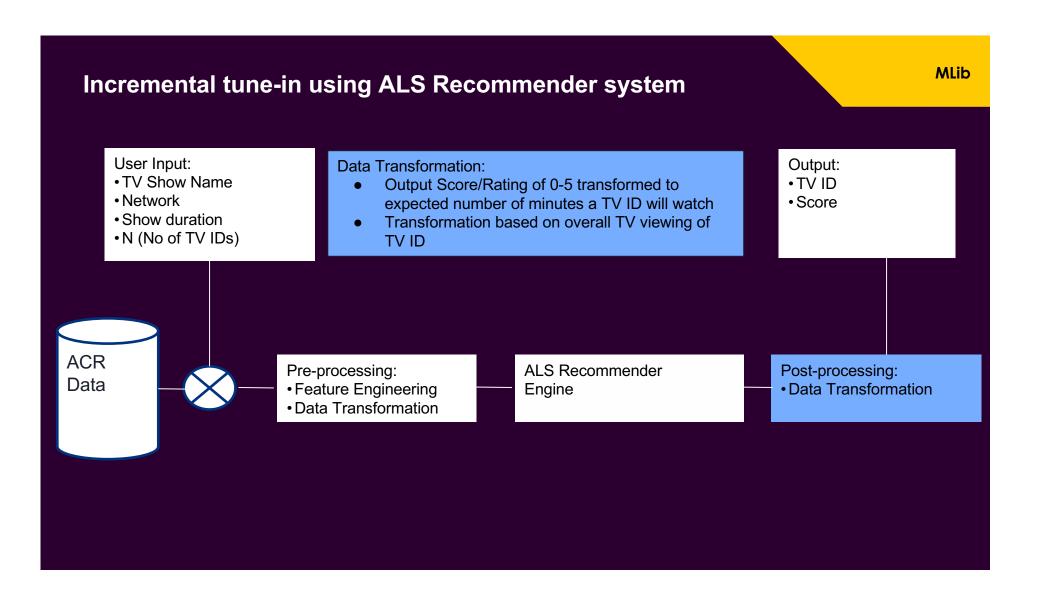


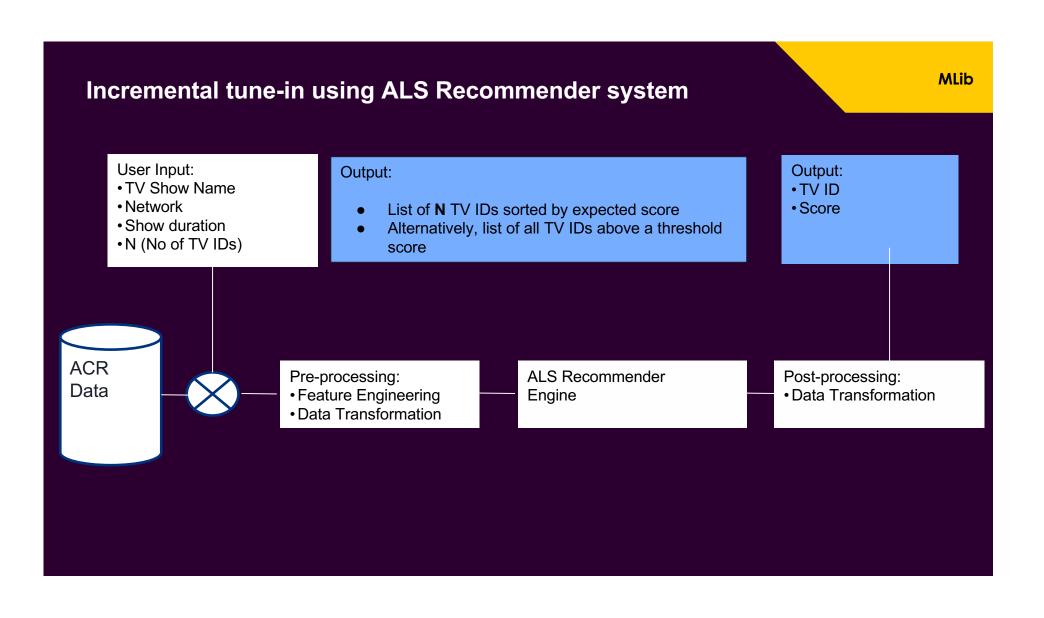








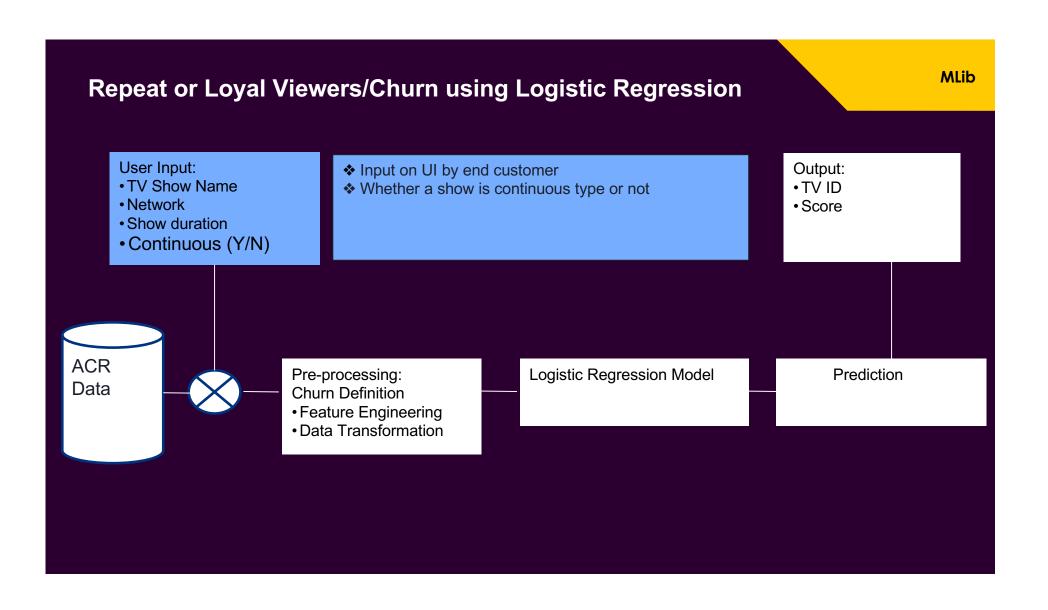


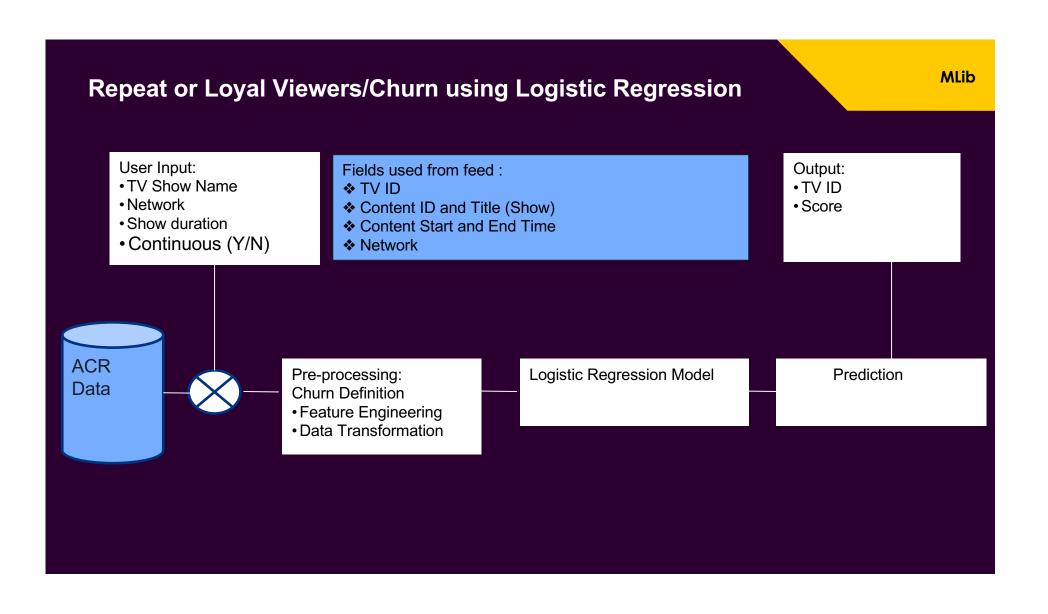


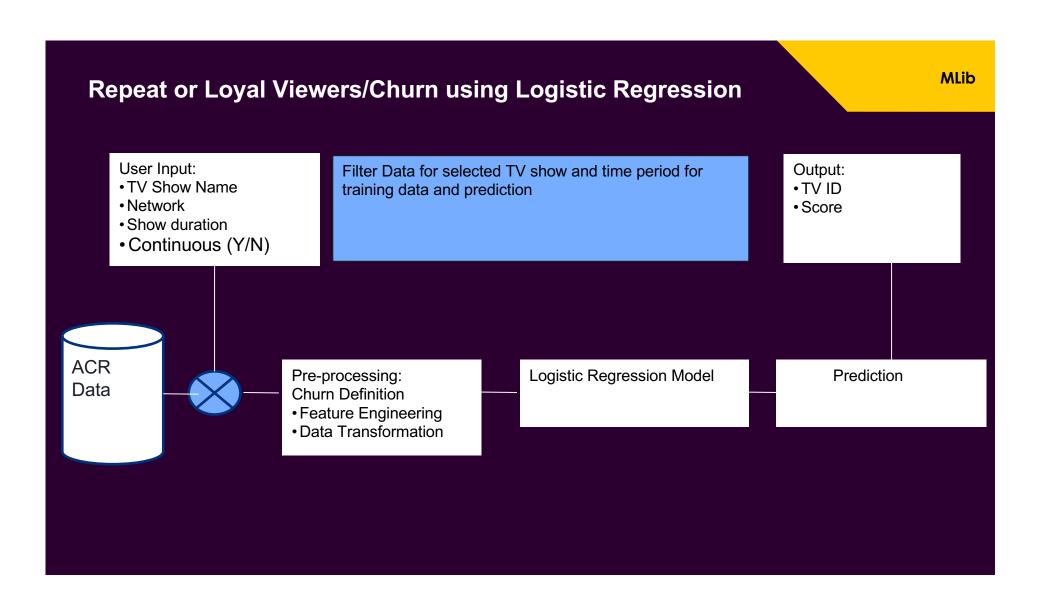
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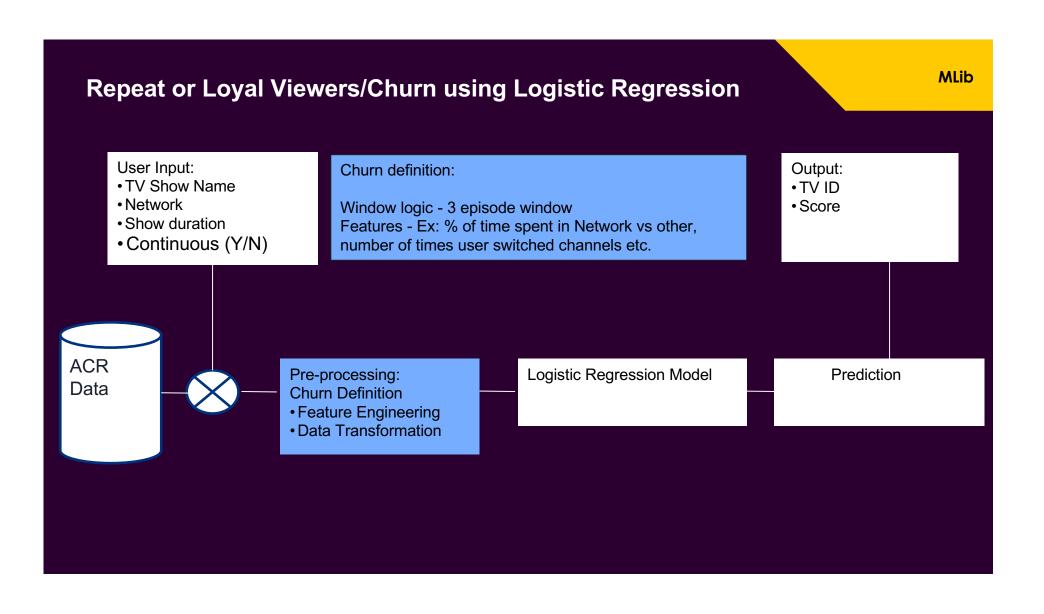
R-squared: 0.94 (for Vikings on History) Validation for Alone S6 on History from Prediction

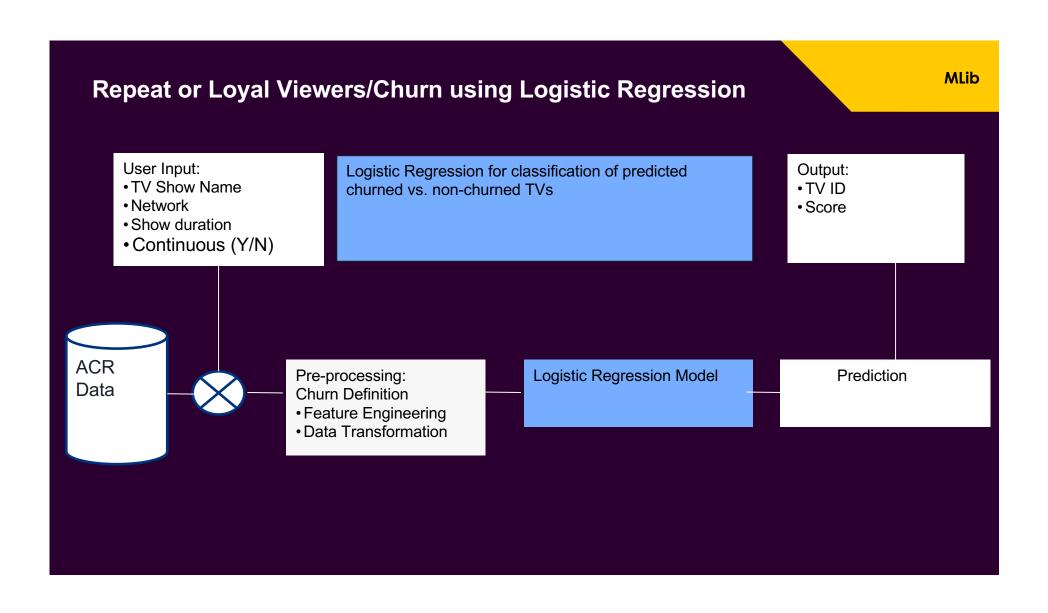
Segment	Households
TVs that actually tuned in	~103k
Total S6 viewing TVs	~185k

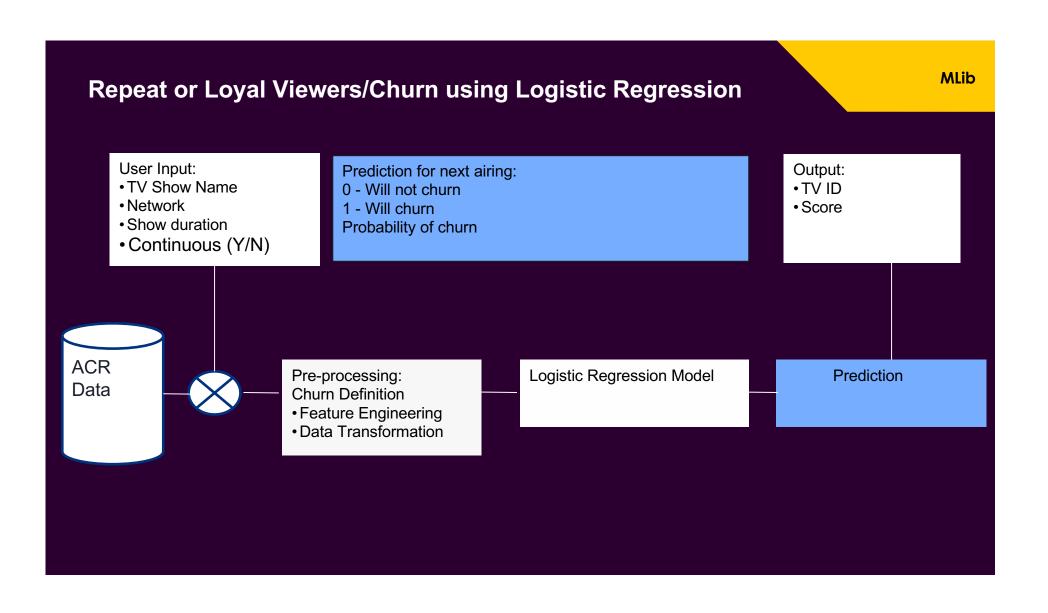


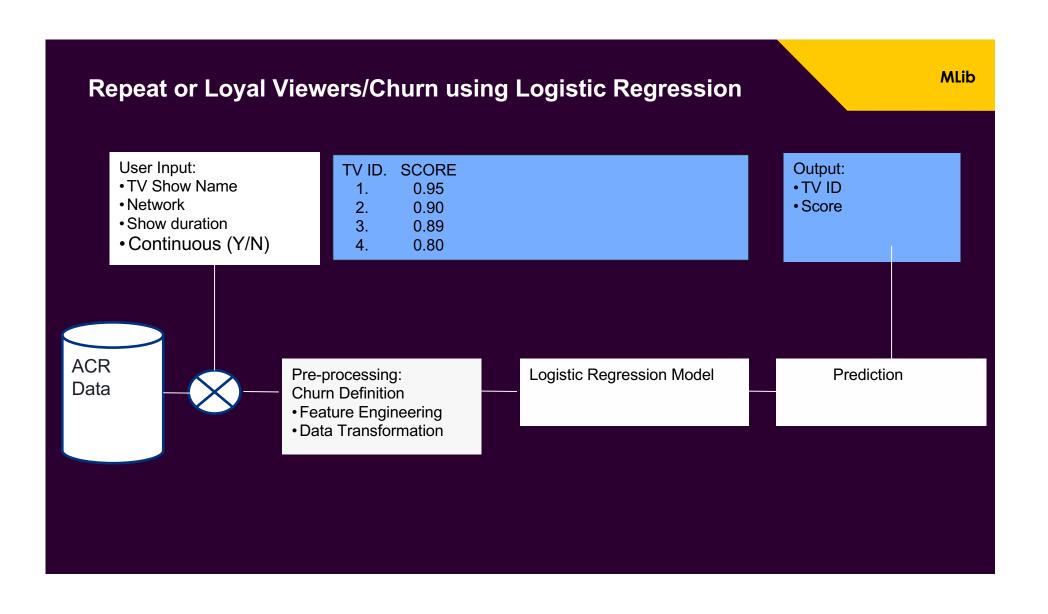












Repeat or Loyal Viewers/Churn using Logistic Regression

85% of 5k users who will churn from Ep3 to 4 identified Show: Vikings S6 or History

Starting Viewers	~50k
Churn from E1 to E3	40%
Churn from E3 to E4	10%
Joined in E2 and E3	~60k



