

Data Team





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Agenda

Introduction

Data Overview

Model Analysis

Suggestions

Next Steps

Background

United States consumers care about data and streaming.

```
wireless
                   available
    text
                                              strongest
                                           nationwide
         device slow phone busy coverage data fees
streaming
premiumsm
 temporarily high-speed hotspot network
                                             mexico
       canada countries based speeds
          everything
                roaming
                                             per
                              extra
                       plans
   line
                                                  Ite
            calling
```

Word Cloud Analysis of Competitor Landing Pages

Background

- Branding is heavily associated with Syria
- US client attitudes toward
 Syria



Churn Rate Above Average







Competitor Average







Bottom Line







No one likes calling customer service Likelihood of churn increases by 2.6 times per call



Consider discounts for daytime and nighttime usage



Identify potential issues with international plans

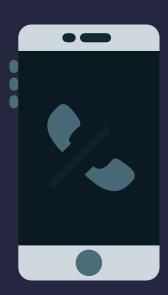






Data Overview

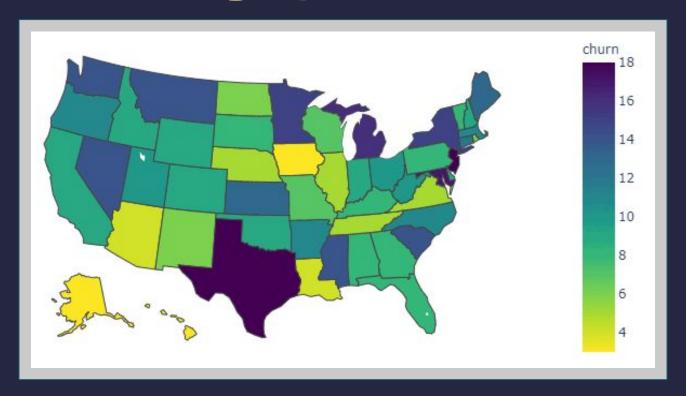
- The Data
- Internal anonymized data provided by SyriaTel
 - Around 3300 account records
- Variables of Interest
 - International Plan
 - Number of Customer Service Calls
 - Total Day Minutes & Charge
- Limitations
 - Lack of customer service transcripts
 - Service / coverage data unavailable
 - No timeframe given







Geographic Trend?





Business Problem

Data Overview

Analysis

Suggestions



Daytime Usage Trends





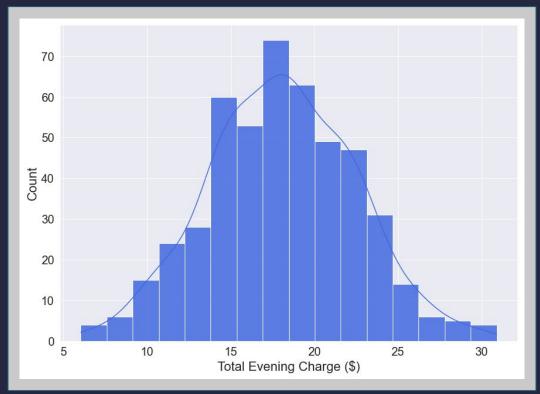
Business Problem

Data Overview

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Suggestions

Evening Charge Trends





Business Problem

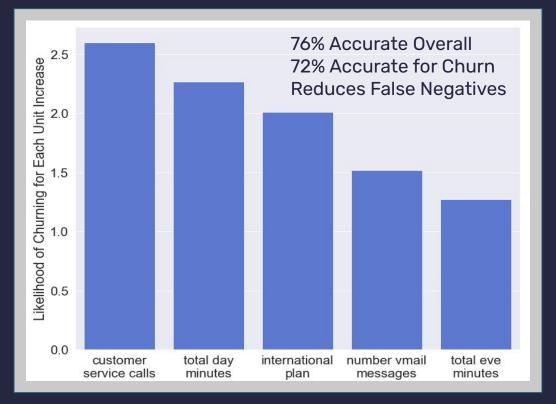
Data Overview

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Model Analysis

More Questions, Fewer Customers





Business Problem

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Suggestions

Immediate Targets



International Connections



Avg 4 Customer Service Calls



Do Not Use Voicemail





3.5 Hours
Daytime Calls



Business Problem

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Focus on Customer Satisfaction



Ensure customer service reps are helpful and consistent



 Consider satisfaction survey for international plan holders



Offer discounts for daytime usage





Business Problem

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Suggestions



Looking Ahead

Next Steps

- Data Usage
- Infrastructure
- Customer Service
- GeoPolitical Concerns
 - Where are the international plan customers calling?
 - o Is it time to consider a rebrand?







Thanks!

Do you have any questions?

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