Customer Retention and Risk Analysis

Leveraging Data Insights to Drive Business Growth

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Executive Summary

This Report presents a comprehensive analysis of customer retention and risk analysis for Aerius Telecom.

The study aimed to identify key factors influencing customer churn, and provide actionable insights to inform revenue growth and strategic retention decisions

Key Questions

- What are the Primary Factors contributing to customer churn
- Which Customer segments are at Risk
- What new strategies can we implement to replace churn and improve customer loyalty

Introduction

In today's competitive business landscape, customer retention is a critical component of any successful growth strategy. Acquiring new customers can be costly, more expensive than retaining existing ones.

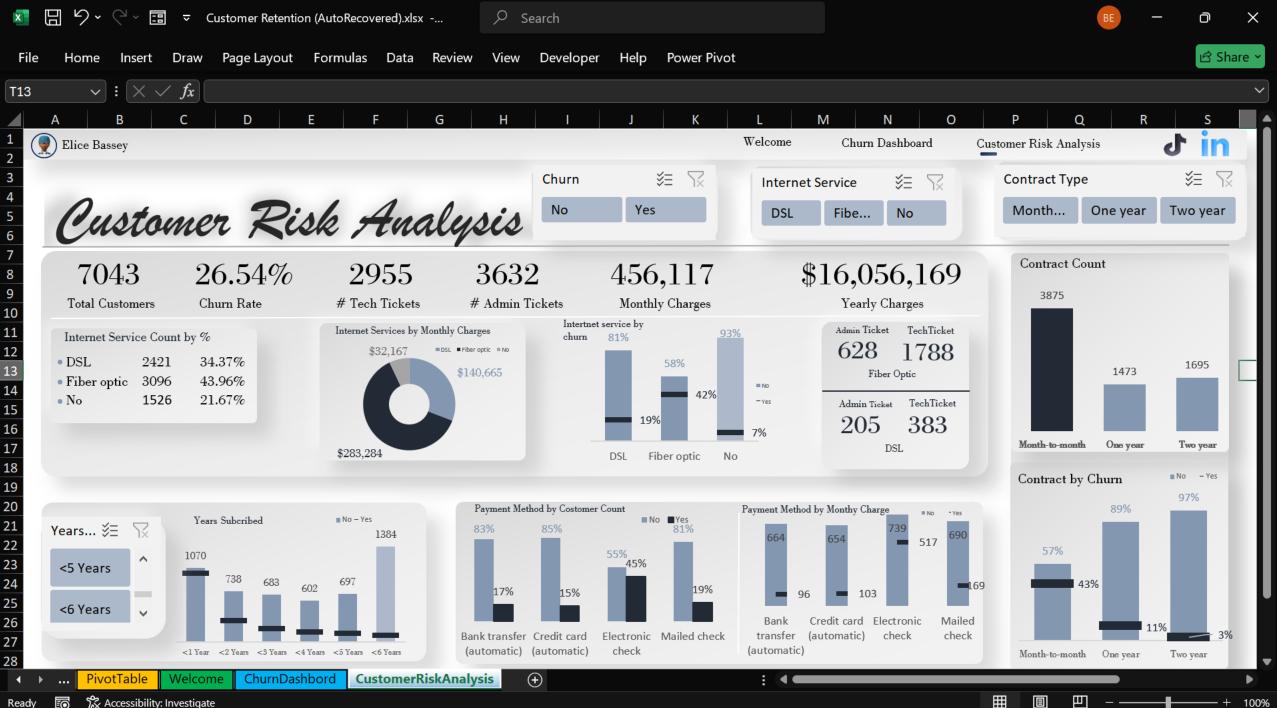
Furthermore, loyal customers not only drive revenue growth but also provide valuable feedback, referrals and advocacy.

Despite its importance, customer retention remains a significant challenge for many organizations. With increasing competition, evolving customer expectations, and rapidly changing markets conditions businesses must proactively adapt to retain their customer base

Dataset

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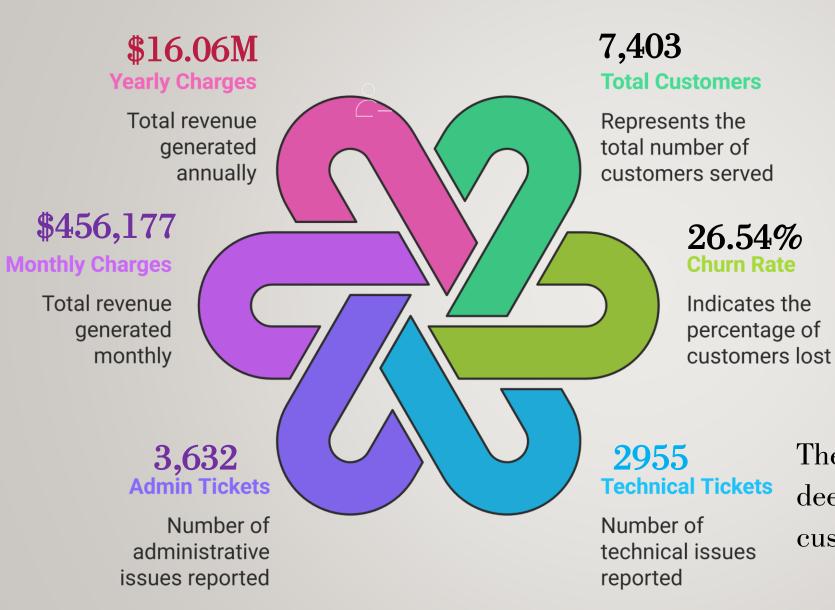




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Key Metrics Overview

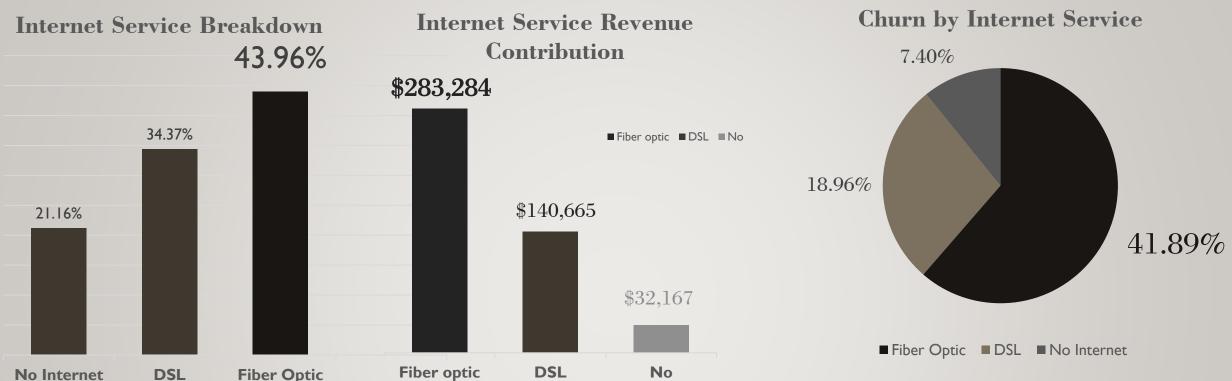


We have over **7,000** customers, with a churn rate of **26.54%**. Revenue is significant at **\$16.06 million** annually,

but churn poses a major risk to long-term revenue growth.

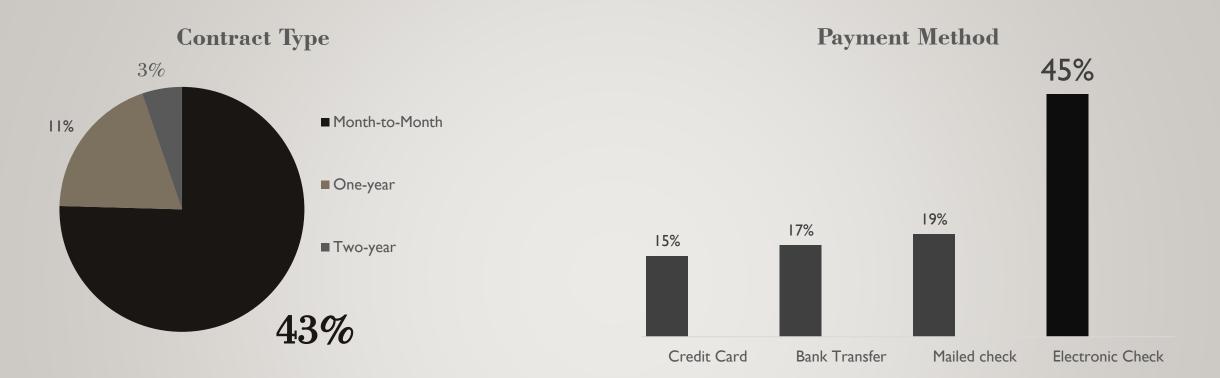
These numbers set the foundation for deeper analysis into churn and customer behavior.

Internet Service and Customer Behavior



Fiber Optic services are popular and contribute to the most revenue with a total of \$283,284 monthly charges, but also have the highest churn rate at nearly 42%. This highlights a potential quality or satisfaction issue that needs to be addressed.

Contract Type and Payment Method Insights



Month-to-month contracts show significantly higher churn rates compared to long-term contracts. Additionally, **electronic check** users have the highest churn of **45%**, suggesting an area for improvement, while **credit card** payments exhibit strong retention of **15%** Churn

Subscription Duration and Retention

- Early retention is critical, as nearly **53%** of churn occurs in the **first year**.
- Retention strategies need to focus on engaging and retaining customers during the first two years.



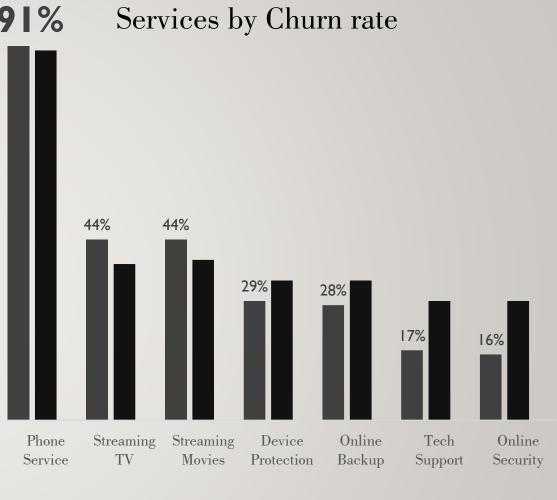
Subscription Duration by Churn rate

Customers staying longer than <u>3 years</u> exhibit very low churn rates

49.8% 50.2% Male Female

Service engagement is strong for phone services, but also exhibit higher churn rate **91%**, indicating opportunities for improvement in customer retention

other services like <u>Online Backup</u> and <u>Device Protection</u> show room for growth in engagement and satisfaction.



Senior Citizens Partner Dependants

17%

Insights

- High Churn for Fiber Optic Internet Service: 42%
- High churn for month-to-month contracts: 43%
- First-year customers at higher risk: 53% churn rate
- High churn for electronic payment users: 45%
- Low engagement in Tech Support and Online Security
- High churn for customers with Partner: 36%

Recommendations

Based on our insights, we recommend focusing on **high-risk** and **high-value customers**, **improving service quality**, and transitioning users to **better payment methods.** These strategies will help improve retention and long-term revenue.

Retain High-Risk Customers:

- Discounts/incentives for long-term contracts or creation of a new quarterly Contract
- Loyalty programs for early engagement.

Improve Service Quality:

- Examining issues associating with Fiber Optic service to see if performance issues are resulting in poor customer experience.
- Promote underutilized services like Online Security, streaming etc by offering bundling at reduced rate.

Optimize Payment Methods:

• Transition electronic check users to more secure payment methods.

Conclusion

In summary, improving retention requires focusing on high-risk areas like **monthto-month contracts** and **Fiber Optic services**. By targeting these segments with tailored strategies, we can reduce churn and improve customer satisfaction

- Month-to-month contracts and fiber optics drive high churn.
- Early engagement strategies are critical to reduce first-year churn.
- Data-driven strategies target high-impact areas

THANK YOU