# Charge Ahead: Credit Card Usage

Analysis

Joseph Smith



# agenda

Overview

Data and Objective

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Analysis (Pt 1)

Determining Value

Analysis (Pt 2)

CC Usage

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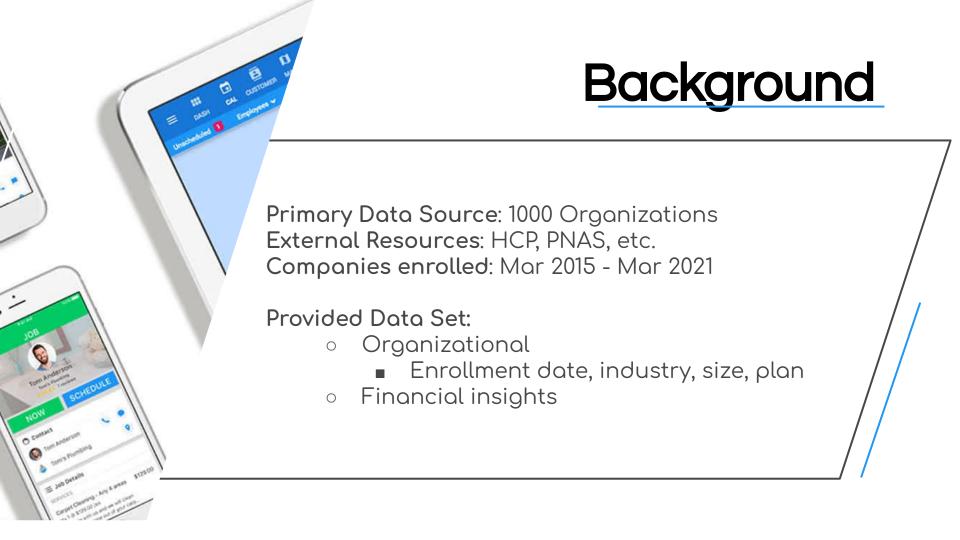
**Proposal** 

Next Steps

## Purpose

Which organizations are good candidates for a CC usage campaign?





## **About the Dataset**

- Limitations
  - Sample size: 1000 organizations
  - Unknown profit margins for credit card usage
  - All data is from last 30 days
- Assumptions:
  - Data is cleaned and accurate
  - The goal is to maximize credit card utilization for high value customers
- Terms:
  - GMV : Gross Merchandise Value
  - o CC: Credit Card
  - CC Usage = CC GMV/ Total Paid GMV: (30 days)
  - o ELVAE : Estimated Lifetime Value at Enrollment

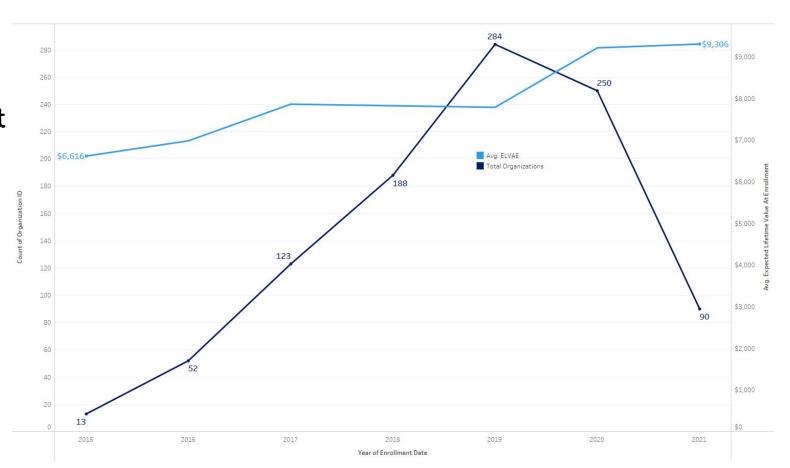
# Analysis



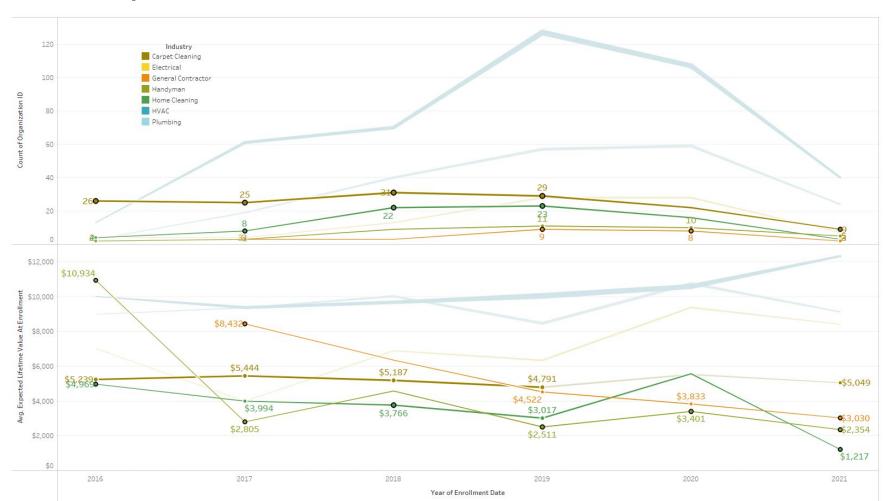
Organization Volume is increasing by an average of ~104% per year

## Enrollment Value

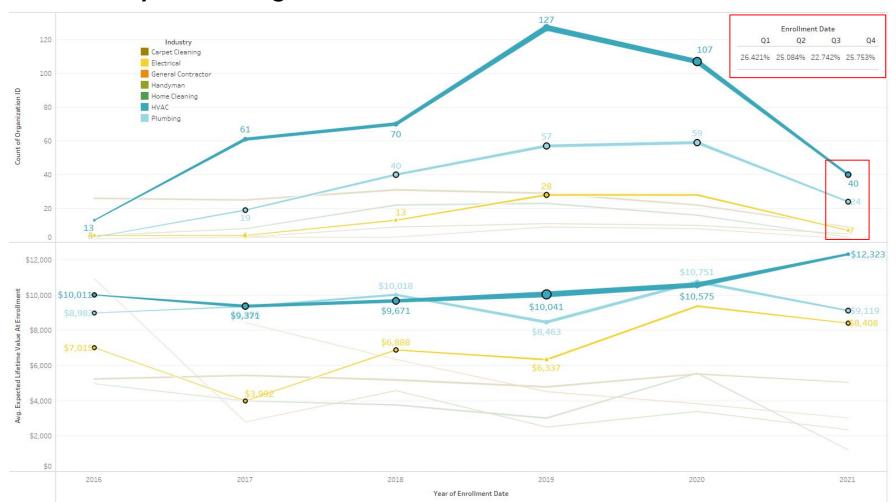
Increase in average expected lifetime value at enrollment



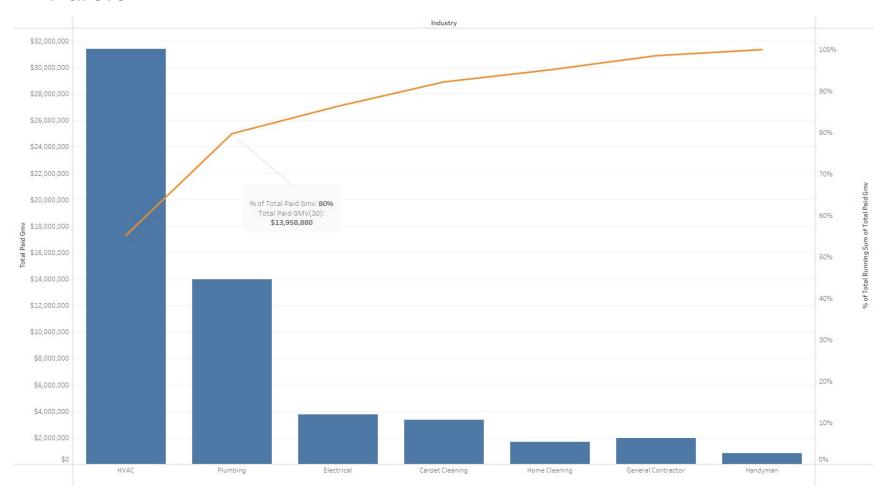
## Industry Value - Low



## Industry Value - High

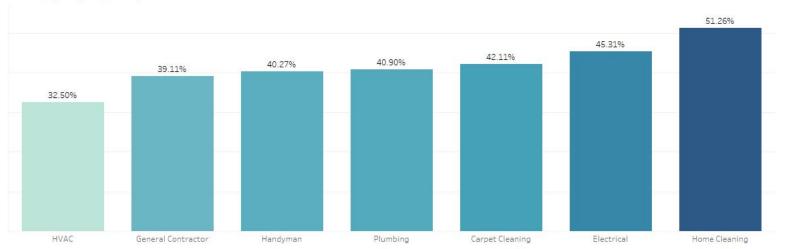


### **Pareto**



| Industry           | Total Organizations | % of Total Org Count | Avg. ELVAE | Avg. Company Size | CC GMV(30) | Total Paid GMV(30) | Avg. CC Usage(30) |
|--------------------|---------------------|----------------------|------------|-------------------|------------|--------------------|-------------------|
| HVAC               | 418                 | 41.80%               | \$10,235   | 6                 | 8,833,788  | 31,403,754         | 32.5%             |
| Plumbing           | 203                 | 20.30%               | \$9,654    | 5                 | 5,942,632  | 13,958,880         | 40.9%             |
| Carpet Cleaning    | 153                 | <b>15.30%</b>        | \$5,233    | 3                 | 1,052,216  | 3,334,003          | 42.1%             |
| Electrical         | 84                  | 8.40%                | \$7,528    | 5                 | 1,299,285  | 3,764,493          | 45.3%             |
| Home Cleaning      | 76                  | 7.60%                | \$3,905    | 6                 | 661,718    | 1,658,646          | 51.3%             |
| Handyman           | 41                  | 4.10%                | \$3,672    | 4                 | 216,743    | 831,938            | 40.3%             |
| General Contractor | 25                  | 2.50%                | \$4,871    | 7                 | 580,564    | 1,944,135          | 39.1%             |
| Grand Total        | 1,000               | 100.00%              | \$8,240    | 5                 | 18,586,947 | 56,895,850         | 38.7%             |

#### CC Usage by Industry



#### High Value - Lowest CC Usage (At-Risk)

| Industry   | Plan Tier | Plan Term | Avg. CC Usage(30) | Ava FLVAF | Avg. Company Size | Total Paid GMV(30) | Total Organizations |
|------------|-----------|-----------|-------------------|-----------|-------------------|--------------------|---------------------|
| HVAC       | medium    | annual    | 26.2%             | \$12,501  | 13                | 2,999,706          | 14                  |
|            |           | monthly   | 26.7%             | \$11,778  | 12                | 4,204,132          | 32                  |
|            | large     | annual    | 27.3%             | \$16,763  | 13                | 2,910,627          | 13                  |
| Grand Lota | 1         |           | 26.7%             | \$13,048  | 13                | 10,114,465         | 59                  |
|            |           |           |                   |           |                   |                    |                     |

#### High Performing Avg CC Usage Categories - 50%+



# Financial Analysis



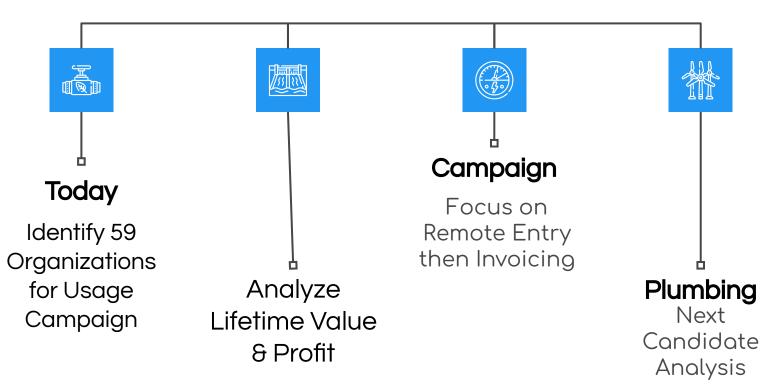






| 1% Profit Margin Assumed<br>CC GMV(30)          | Total GMV    | CC Usage | Profit   | Annual    |
|---|--------------|----------|----------|-----------|
| Current Profit                                  | \$10,144,465 | 26.7%    | \$27,086 | -         |
| Profit at 30%                                   | \$10,144,465 | 30%      | \$30,433 | \$40,164  |
| <b>Target</b> - Profit at Company Average (39%) | \$10,144,465 | 39%      | \$39,563 | \$149,724 |

## Next steps



# Thanks!

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Resources in Executive Summary

# Appendix

### List of Target Companies. Total: 59

#### Org Unique Id

316ecb2d-a723-4f59-ba7.

20e7ba59-2af0-44f4-a38. 8bf052c8-52da-4c42-bb7.

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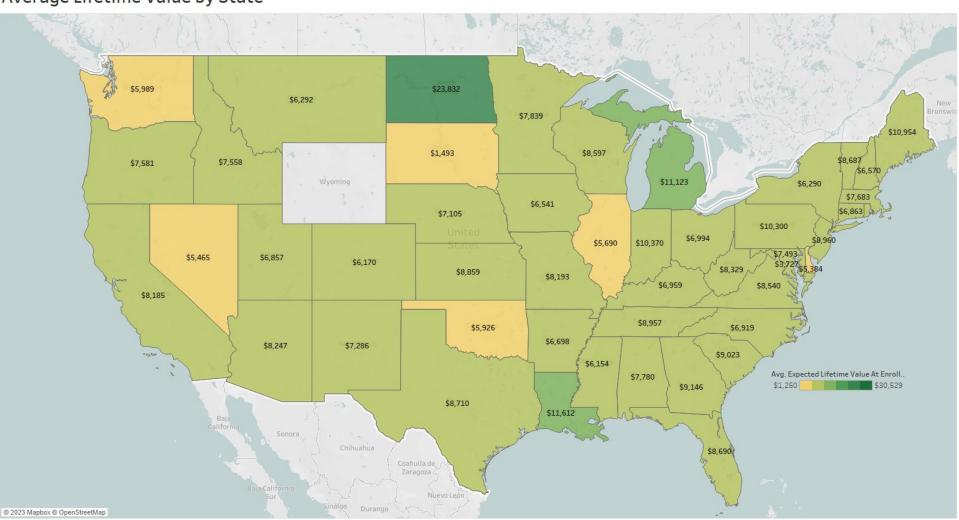
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Average Lifetime Value by State



#### Sum of CC GMV by State

