

Team 4 Ducks

"Yellow, Ducks therefore we are 4 ducks" – Sanobar Lala, 2019



Zhangyi Fan University of Pennsylvania





Sanobar Lala Drexel University

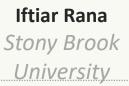


Kailai Xu Mentor



Tufts University

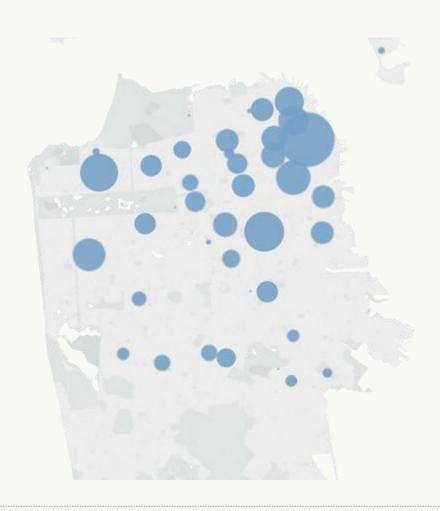
Gloria Kitchens



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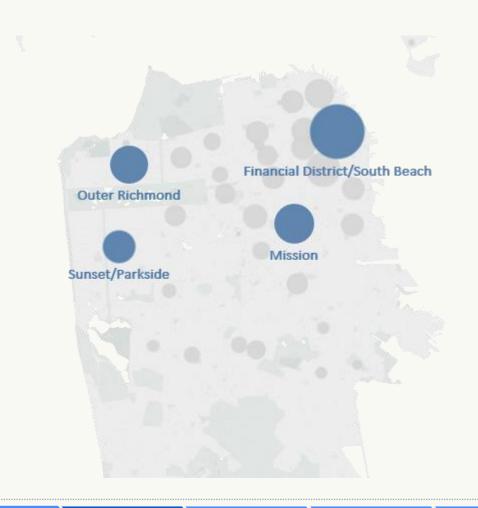


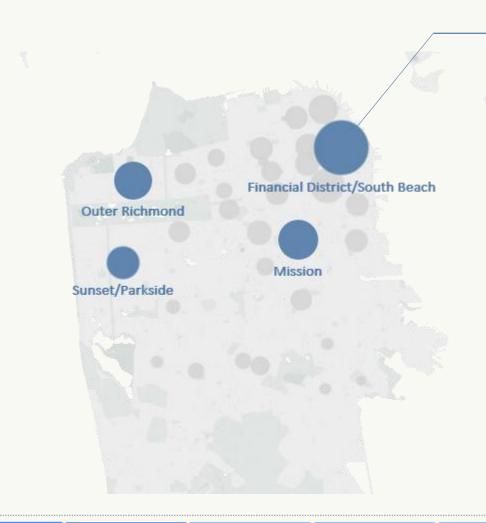
Overall Business Density in San Francisco



4 Main Area of Focus

Selected 4 main district that encompasses the landscape of San Francisco



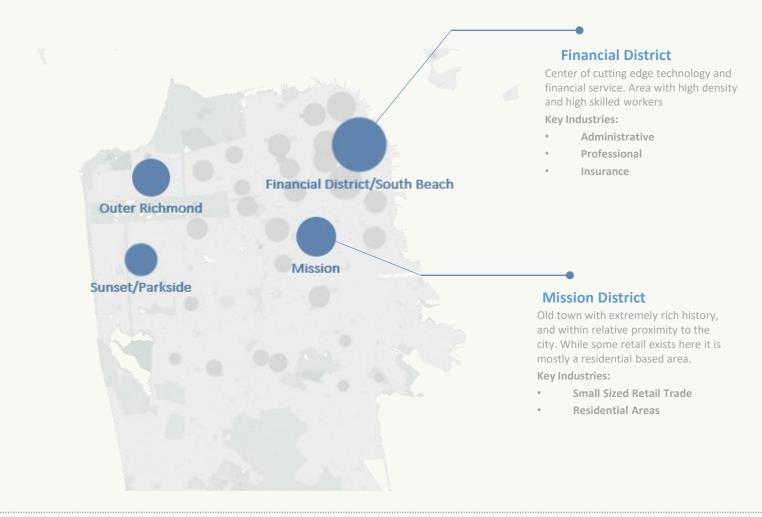


Financial District

Center of cutting edge technology and financial service. Area with high density and high skilled workers

Key Industries:

- Administrative
- Professional
- Insurance



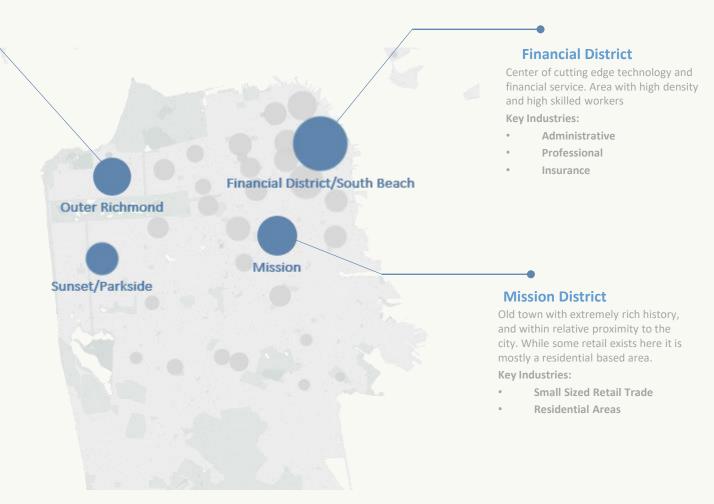
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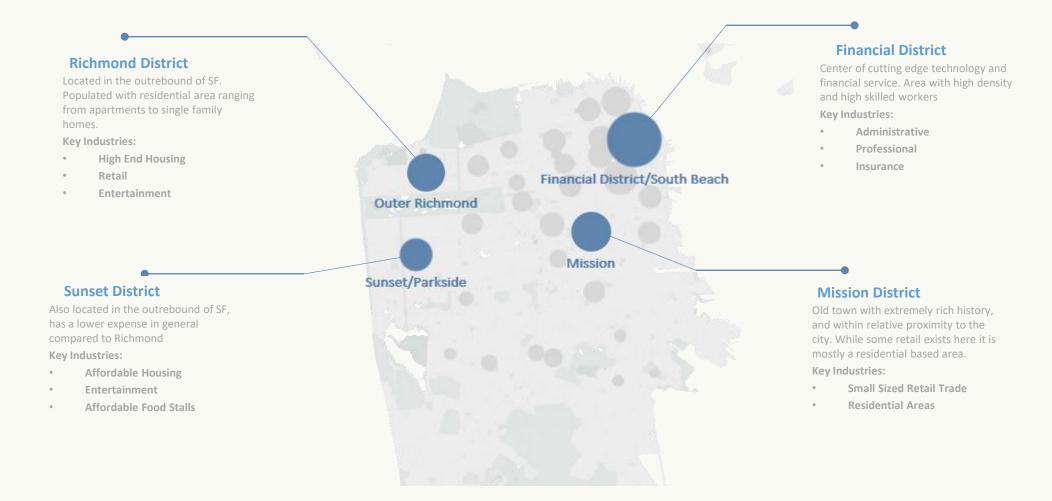
Richmond District

Located in the outrebound of SF.
Populated with residential area ranging from apartments to single family homes.

Key Industries:

- High End Housing
- Retail
- Entertainment





Industries Are Largely Clustered Into Two Segments

These clusters tend to either be complementary or have similar needs in terms of its Physical Locations:

Residential

Accommodation

Arts and Entertainment

Large Real Estate

Transportation

Key Traits:

Leisure centric home

Professional

Technical Industries
Insurance
Information
Financial Services

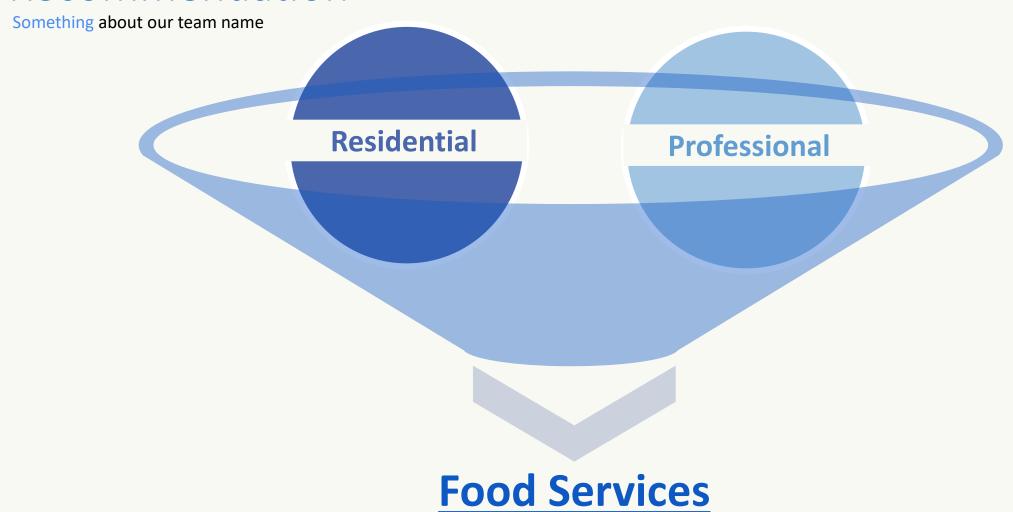
Key Traits:

Work centered atmosphere

Key Question For Our Recommendation

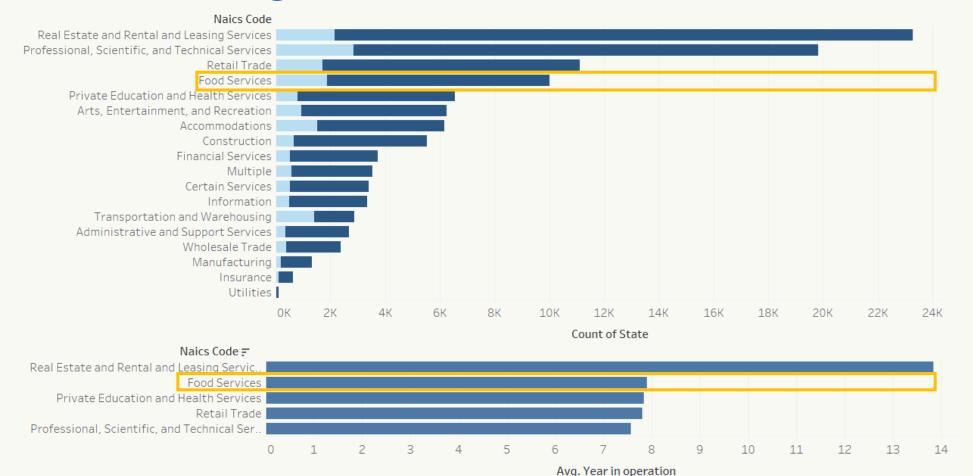
Is there something demanded by both industries? Residential **Professional** Technical Industries Accommodation Arts and Entertainment Insurance Large Real Estate Information Financial Services **Transportation Key Traits: Key Traits:** Work centered atmosphere Leisure centric home

Recommendation



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Outstanding Baseline Size and Retention



Industry Size:

Rationale: The company count serves as a proxy for the industry size, which is essentially to determine baseline demand

Average Year in Operation:

Rationale: Taking the average year a firm stays in the industry helps approximate the churn rate of the industry, furthermore, it can also help identify the barrier of entry for each industry based on its maturity

Takeaway: The food industry is quite strong in terms of its size and finds a great balance between possible opportunities and firm durability

Ability to Dynamically Start and Scale

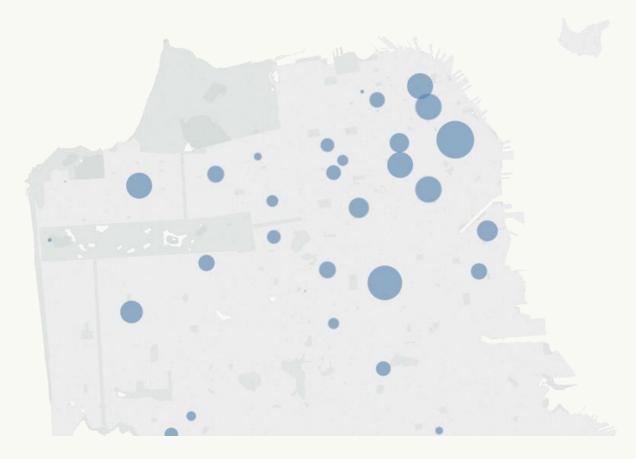
The food industry is adaptable to any location

Analysis

Spread: The spread of the business is an indicator of the demand distribution for said industry. Food, expectedly, has a wide distribution and are not largely constrained by the segments we defined above

Feasibility: While some other industries can also be spreadout(Manufacturing or real-estate). The upfront cost to start those businesses alone is excruciatingly high. For food stalls however, it is widely applicable to a range of initial

Takeaway: The food industry's characteristic enables us to start anywhere and expand with San Francisco at ease



Food Store Distribution

Product

Excess Demand Ready to be Captured

Mapping out population change and store count changes clearly shows a un-captivated demand Population Growth vs Restaurant Growth



Excess Demand Ready to be Captured

Mapping out population change and store count changes clearly shows a un-captivated demand Population Growth vs Restaurant Growth



Analysis

While the growth in both population and restaurant counts have been slowing down, they are both nonetheless growing. However, by proportion, growth of restaurant count is declining much faster than the growth in population. This disparity is projected to increase even further going forward.

Takeaway: The demand for restaurants is likely going to exceed the current supply, providing us with a golden opportunity to enter the market

Top Five Licenses In Main Area of Focus

License Distribution in Mission.



License Distribution in Financial District.



License Distribution in Sunset.



License Distribution in Outer Richmond.



Recommendations

Case by Case Strategy:

Status: Samantha Smith

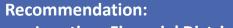


Initial Capital









- Location: Financial District
- Licenses:
 - Restaurant less than a 1000 SQFT
 - Places of Public & Open-Air Assembly

Status: Janice Sole



Initial Capital





Recommendation:

- Location: Mission District
- Licenses:
 - Restaurant 1000-2000 SQFT

Status: John Adams



Initial Capital



Recommendation:

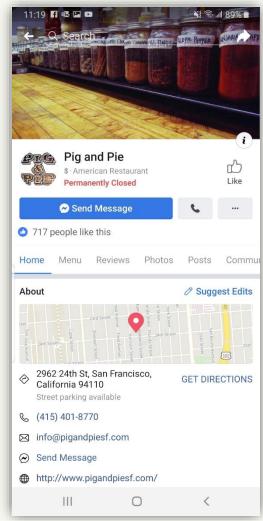
- Location: Outer Richmond or Sunset District
- Licenses:
 - Restaurant less than a 1000 SQFT

Product Improvement: Facebook Pages

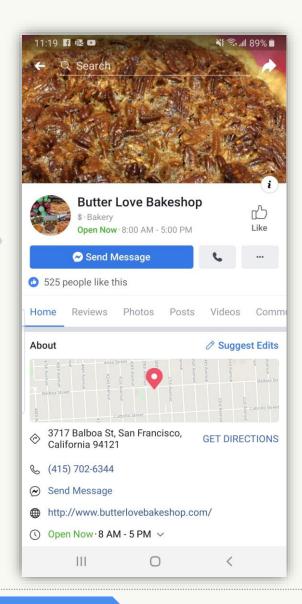
Actively Improving the accuracy of Facebook Page data for businesses

• Update a page if a business is closed based on Business end date field.

Business End
Date:
10/18/17



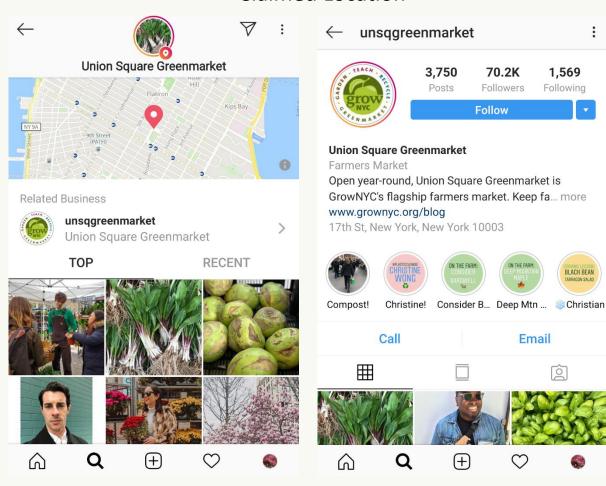
Business End
Date:
4/30/16



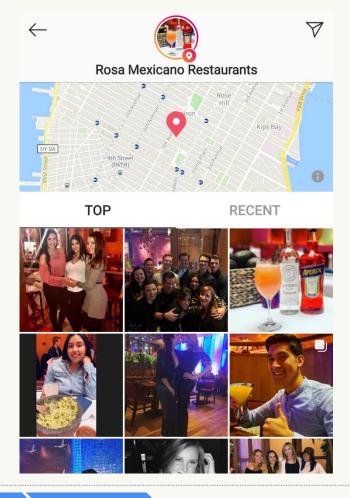
Product: Instagram Business Locations

Helping businesses claim their locations

Claimed Location



Unclaimed Location



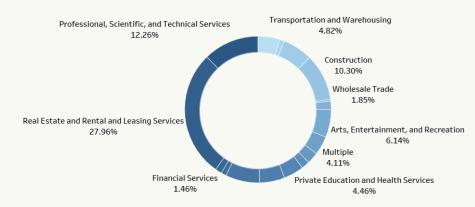
Team

Thank you! Any Questions?

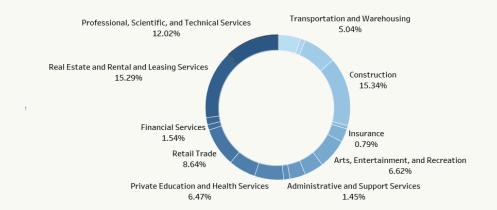
Appendix

District Industry Breakdown

Richmond District



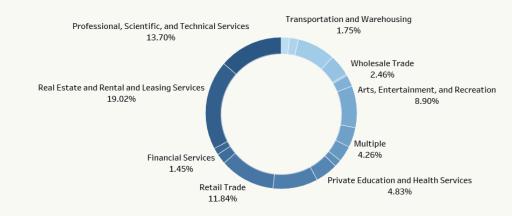
Sunset District



Financial District



Mission District



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Appendix Industry location

