**Name of the Project: Analysis of IT Tech Cities.**

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**Business Objective**

Our analysis would provide a snap shot to an IT professional wanting to move to city of his/her choice to seek Job opportunities. Currently we are taking into account the following factors which would drive the decision.

1. Demographics (List of Zip codes for a City, Cost of Living, Median Salary, Maps etc.)
2. Weather
3. Housing
4. Crime
5. Transportation
6. Major Companies
7. Population
8. IT Jobs available
9. Health issues which city is facing.
10. Restaurants, Night life

For our analysis we have taken into account the 3 cities out of the 10 cities listed in the article. The cites include

1. Austin
2. New York
3. San Francisco

**Data Resources**

1. Austin – City of Austin Website
2. New York – City of New York Website
3. San Francisco – City of San Francisco.

**Technology Stack**

1. Python
2. Pandas
3. Matplotlib
4. Bootstrap, HTML, CSS
5. JavaScript, D3
6. Tableau
7. Machine Learning

**Research Hypothesis and Questions**

The analysis should provide a fair assessment on how a cities outlook is in the years to come. The factors which would Job opportunities current and Future

1. Crime Statistics
2. Health
3. Life Style
4. Job Opportunities.

**Data Challenges**

Still investigating.