**Executive Summary**

*This section provides an overview to the project. It should briefly touch on the motivation, data question, data to be used, along with any known assumptions and challenges.* **No executive summary yet**

**Motivation**

*Here you will go into more detail about why you have chosen this project.* **I really enjoy hockey and have worked in the industry for the past 7 years but want to stretch my knowledge with a popular question many people in the hockey world have been asking recently. Potentially looking into expanding my dataset into the 3 other major sports leagues like NFL, NBA and MLB.**

**Data Question**

*Present your question. Feel free to include any research/articles that are relevant or show where others have attempted to answer this question.* **Do NHL/Sports teams that are located in states with no income tax lead to being more successful?**

<https://www.livenowfox.com/news/nhl-teams-states-no-income-tax-advantage-free-agency>

<https://ca.sports.yahoo.com/news/nhl-teams-states-no-income-205732856.html?guccounter=1&guce_referrer=aHR0cHM6Ly93d3cuZ29vZ2xlLmNvbS8&guce_referrer_sig=AQAAAG5GNxD1fOrRZAT91-AKRtR0V8bwG23LmYxLpQJdAcKGcNgxFxGLFGB4g0Otqe_eOW9Jbrl2fo1jfoa-a6pnruP-TL_Wh6onmDyMe2ulLpSFDj6yIKa676v04QTuGfA8BLfH4m6PRrAZrm2Qw6sjPSD7uLiG5G-jF6_QrY2NESuw>

**Minimum Viable Product (MVP)**

*Define your MVP. This should be a description of what your final capstone will look like, including visualizations, how the analysis will be presented, who the intended audience is, etc.*

**Schedule (through <date of demo day>)**

1. Get the Data (finish date)
2. Clean & Explore the Data (finish date)
3. Create Presentation of your Analysis (finish date)

* Should be a presentation, but could include a Jupyter Notebook or dashboard in Excel, Tableau, or PowerBI

1. Internal demos (<date of internal demos)
2. Demo Day!! (<date of demo day>)

**Data Sources**

*Document the data you use and the source of that data*

[*https://www.nhl.com*](https://www.nhl.com)

[*https://www.eliteprospects.com/*](https://www.eliteprospects.com/)

[*https://www.spotrac.com/nhl/contracts*](https://www.spotrac.com/nhl/contracts)

[*https://www.investopedia.com/financial-edge/0210/7-states-with-no-income-tax.aspx*](https://www.investopedia.com/financial-edge/0210/7-states-with-no-income-tax.aspx)

<https://www.nhlpa.com/the-pa/cba>

[2024 NFL Division Standings](https://www.nfl.com/standings/)

[NBA Standings - 2024-25 season - ESPN](https://www.espn.com/nba/standings)

<https://puckpedia.com/salary-cap/1-what-salary-cap#:~:text=Since%20its%20reintroduction%20in%20the,2025%2D2026:%20$95.5%20million>

<https://operations.nfl.com/inside-football-ops/nfl-operations/2025-nfl-free-agency/nfl-salary-cap/>

[Tax Facts and Figures for Individuals and Corporations](https://carleton.ca/profbrouard/wp-content/uploads/PWCTaxFactsFiguresEN_2005.pdf)

Finding Canadian Tax Percentages: [TaxTips.ca - Income Tax Rates & Tax Brackets for Canada, Provinces, Territories](https://www.taxtips.ca/tax-rates.htm)

Finding US States Tax Percentages 2016 - 2024: [Individual Income Taxes Archives | Tax Foundation](https://taxfoundation.org/datamaps/state-individual-income-tax-rates-and-brackets/)

Finding US States Tax Percentages 2005 – 2012: [state\_individualincome\_rates-2000-2012-20130219.pdf](https://files.taxfoundation.org/20190311152905/state_individualincome_rates-2000-2012-20130219.pdf?_gl=1*1q4l7rw*_gcl_au*MTE1Nzg0ODQ4NS4xNzU1MTAxMTg2)

**Known Issues and Challenges**

*Explain any anticipated challenges with your project, and your plan for managing them. Be sure to include:*

* *If you need to request data or an api key*
* *Based on your data sources, known data cleaning steps*