

Group Members: Leonel Garibay-Estrada, Jiarui Hou, Macy Chen , Tyler Venner

STA160 Project Plan

Player Contract Prediction

Team Number: 5

Team Name (optional): Team Sharks

1. Team Members

- **Name A*** (Data Science, 4th Year, skill highlights)
- **Jiarui Hou:** (Statistics, 4th year, Modeling and ML)
- **Tyler Venner** (Statistics, 4th, ML and probability)
- **Macy Chen** (Statistics, 4th, Data analysis and ML)
- **Alberto Ramirez** (Statistics, 4th year,)

* denotes team leader.

2. Motivation & Problem Statement

What question or problem are you addressing? Why is it important (academic, practical, or social relevance)? What is the intended audience/use?

3. Data Sources

- Datasets:
- Access:
- Preprocessing:
- Ethics/Privacy:

4. Methods & Tools

- Methods:
- Tooling:
- Computing:
- Reproducibility:

5. Expected Outcomes

What deliverables will you produce (figures, models, dashboards, docs)? How will you

evaluate success (*metrics, baselines, ablations, interpretability*)?

6. Risks & Mitigations

Identify key risks (data availability/quality, scope creep, feasibility) and mitigation plans (backup datasets, simplified scope, staged milestones).

7. Timeline & Milestones

Customize weeks/dates to match the course deadlines.

Week / Date	Goal / Deliverable	Responsible
Week 3		
Week 4		
Week 5		
Week 6		
Week 7		
Week 8		
Week 9		
Week 10		

8. Division of Work

Focus on tasks first, then the owner(s). Use one or many members per task as needed.

Work	Skills	Owner
Data collection		Member: XXXX
...		

9. Constraints & Policies (Course-Specific)

- **Collaboration:** State how the team will collaborate.
- **AI Usage:** Describe how you would use it.
- **Attribution:** Cite all sources.

Tip: Keep this plan living. Update milestones, owners, and risks as the project evolves.