



Project Scorecard

AI Studio Sprint #3

KPMG

Alice Liu, Wang Xiang, Melina Tsai, Ana Maria Rodriguez, Rachel Tong, Shoya Dixon



Scorecard Key and Instructions

- Overall Status: This can be green, yellow, or red. Green indicates that the project is on track. Yellow indicates that the project *may be* at risk. Red indicates that the project *is* at risk.
- Project Milestones: Indicate the status for individual Milestones using *green* (Milestone is on track or already completed); *yellow* (Milestone may be at risk for completion by the Target Date); or *red* (Milestone is at risk for completion by the Target Date, or the Target Date was missed). A description of each Milestone is provided in the Appendix of this document for reference.
 - You do not need to fill in the status for future Milestones (e.g., for your Sprint #2 Scorecard, you do not need to fill in a status color for “4. Modeling and Evaluation” or “5. Iterate and Prepare Your Presentation”, since these two Milestones correspond to later Sprints)
- Recent Accomplishments: Highlight your team’s recent project “wins”.
- Upcoming Activities: List your team’s action items for the next Sprint / next two weeks ahead.
- Issue Tracking: Describe the issues and blockers that your team is facing.

Sprint #3 Project Scorecard (due 10/09)

Overall Status:



BREAK
THROUGH
TECH

PROJECT MILESTONES

Milestone <i>(See Appendix for description)</i>	Target Completion Date	Status
1. Team Building	08/19	
2. Business Understanding	09/04	
3. Data Understanding and Preparation	10/09	
4. <i>Modeling and Evaluation</i>	11/06	
5. <i>Iterate and Prepare Your Presentation</i>	12/04	

ISSUE TRACKING

Issue	Our Plan to Address	Help Needed from AI Studio TA / Challenge Advisor
Balancing time with Midterms	Focus on midterms, work on the project as much as possible during team meeting	We received some advice from our AI Studio TA, and reassurance that this project should be fun. And to focus on our midterms.
[Your text here]	[Your text here]	[Your text here]
[Your text here]	[Your text here]	[Your text here]
[Your text here]	[Your text here]	[Your text here]

RECENT ACCOMPLISHMENTS

- Did traditional analysis of Dallas Demographics
- Mapped current EVCS, shopping areas, Dallas Zip Code using Geopandas
- Found data
- Figuring out how to use Geopandas

UPCOMING ACTIVITIES

- EV Registration trends and correlation to Dallas Demographics
- Continue cleaning new data
- More traditional analysis
- Decide if we're modeling or optimizing

Sprint #3 Project Scorecard (due 10/09)

**BREAK
THROUGH
TECH**

Need more space? Use this slide!

RECENT ACCOMPLISHMENTS

- [Your text here]
- [Your text here]

UPCOMING ACTIVITIES

- [Your text here]
- [Your text here]

ISSUE TRACKING

- [Your text here]
- [Your text here]



Appendix: AI Studio Project Milestones



Milestone #1: Team Building

Team Objective

1. Get to know each other and how you will work together effectively this Fall

Deliverables

- ❑ Submit completed Challenge Advisor Meeting Prep document (due 08/17)
- ❑ Submit completed Team Alliance document (due 08/19)

To-Dos

- ❑ Schedule and send calendar invites for recurring weekly team meetings with project team
- ❑ Set up collaborative work environments (e.g. Google Colab, Trello, etc.)
- ❑ Attend the introductory Challenge Advisor meeting

Target Completion Date:

August 19th

Associated Sprint(s):

N/A (Bridge to Studio)



Milestone #2: Business Understanding

Team Objective

1. Build “business sense” for your AI Studio project and align on project expectations with your Challenge Advisor

Deliverables

- ❑ Submit completed Project Scope and Deliverables document (due 09/04)
- ❑ Submit signed CSP agreement (individual student submission) (due 09/04)

To-Dos

- ❑ Schedule and attend second virtual Challenge Advisor meeting (to review Project Scope and Deliverables doc)
- ❑ Schedule and send calendar invites for recurring biweekly meeting with Challenge Advisor (virtual)

Target Completion Date:

September 4th

Associated Sprint(s):

Sprint #1 - Business Understanding



Milestone #3: Data Understanding and Prep

Team Objective

1. Preprocess your raw data for subsequent modeling

Deliverables

- ❑ Submit completed Project Scorecard for Sprint #2 (due 09/18)
- ❑ Submit completed Project Scorecard for Sprint #3 (due 10/09)

To-Dos

- ❑ Complete exploratory data analysis (EDA) to perform statistical and descriptive analysis
- ❑ Utilize data visualization techniques to understand and clean up your data
- ❑ Clean your data to eliminate data that is non-representative of the problem you're solving
- ❑ Complete feature engineering to prepare your data for your intended ML models

Target Completion Date:

October 9th

Associated Sprint(s):

- Sprint #2 - Data Understanding
- Sprint #3 - Data Preparation



Milestone #4: Modeling and Evaluation

Team Objectives

1. Choose appropriate model candidates and evaluation metrics
2. Utilize feature selection and hyperparameter techniques to get a better performing model

Deliverables

- ❑ Submit completed Project Scorecard for Sprint #4 (due 10/23)
- ❑ Submit completed Project Scorecard for Sprint #5 (due 11/06)

To-Dos

- ❑ Select and train at least THREE candidate models for your problem with varying complexity
- ❑ Choose model evaluation metrics to evaluate how well each model performs on validation data
- ❑ Select the best-performing model and evaluate how it performs on new test data
- ❑ Use feature selection and hyperparameter tuning to maximize model performance

Target Completion Date:

November 6th

Associated Sprint(s):

- Sprint #4 - Model Selection
- Sprint #5 - Model Evaluation



Milestone #5: Iterate and Prepare Your Presentation

Target Completion Date:

December 4th

Associated Sprint(s):

- Sprint #6 - Iterate
- Sprint #7 - Prepare Presentation

Team Objectives

1. Iterate on your data preparation to improve your selected model
2. Prepare your final presentation to your Challenge Advisor and company

Deliverables

- ☐ Submit completed Project Scorecard for Sprint #6 (due 11/20)
- ☐ Complete dress rehearsal of final presentation (due 12/04)
- ☐ Submit final presentation (due 12/04)

To-Dos

- ☐ Revisit and improve your data and/or create new features to improve model performance
- ☐ Document your final system to ensure that it can be read and improved by a future user
- ☐ Draft and rehearse your final presentation and incorporate feedback to continuously improve