**Work Agreement Draft**

Team Working Agreement for Data Science Hackathon Competition:

1. Team Goals and Objectives:

- Clearly define the goals and objectives of the team for the hackathon competition.

- Specify the problem statement or challenge the team aims to solve.

2. Roles and Responsibilities:

- Assign specific roles to each team member based on their expertise (e.g., data cleaning, modeling, visualization).

- Define the responsibilities of each team member in their respective roles.

3. Communication:

- Establish regular communication channels (e.g., team meetings, messaging platforms) to stay connected throughout the hackathon.

- Set expectations for responsiveness and availability for team discussions.

4. Work Hours and Availability:

- Determine the team's work hours and availability during the hackathon.

- Be considerate of time zones and commitments outside the competition.

5. Decision-Making Process:

- Decide on a fair and efficient decision-making process for the team (e.g., consensus, voting).

- Ensure that all team members have a voice in the decision-making process.

6. Data Sharing and Access:

- Agree on data sharing and access protocols.

- Ensure that all team members have access to the necessary datasets and tools.

7. Code Management:

- Decide on a version control system (e.g., Git) for code management and collaboration.

- Set guidelines for code organization and documentation.

8. Task Allocation and Progress Tracking:

- Divide the hackathon tasks into smaller sub-tasks and allocate them to team members.

- Track the progress of each task to ensure timely completion.

9. Testing and Validation:

- Establish procedures for testing and validating the models and results.

- Discuss how the team will handle model evaluation and selection.

10. Support and Help:

- Encourage a supportive and collaborative environment where team members can ask for help and support each other.

- Be willing to assist team members who are facing challenges.

11. Presentation and Deliverables:

- Determine the format and content of the final presentation and deliverables.

- Set deadlines for completing the presentation and other submission materials.

12. Conflict Resolution:

- Discuss and agree on a conflict resolution process in case disagreements arise within the team.

- Encourage open communication and seek to resolve conflicts amicably.

13. Learning and Skill Sharing:

- Encourage skill sharing and learning opportunities within the team.

- Share useful resources and knowledge related to data science.

14. Ethics and Data Privacy:

- Ensure that the team follows ethical practices in data collection and analysis.

- Respect data privacy and confidentiality throughout the hackathon.

15. Celebration and Fun:

- Remember to celebrate achievements and milestones during the hackathon.

- Create a positive and enjoyable team atmosphere.

16. Post-Hackathon Responsibilities:

- Discuss how the team will handle any post-hackathon tasks, such as sharing the project publicly or writing a post-mortem report.

17. Commitment to the Team Agreement:

- All team members should commit to abide by the terms of the team working agreement.

- Revisit the agreement as needed during the hackathon to ensure it remains effective.

By creating a team working agreement, the data science team can establish clear expectations, roles, and responsibilities, leading to a more efficient and collaborative experience during the hackathon competition.