Team Name: sdmay24-31
Team Members: Anuraag Pujari, Daniel Rosenhamer, Ella Rekow, Ryan Sand, Sachin Patel, Zachary Schmalz
Report Period: Nov 5 - Nov 19

Brainstorming and Data Organization
- Discussed testing documentation and brainstorming ideas.
- Lightning talks by Sachin, Anuraag, and Zach.
- Emphasis on organizing the design document.
- Data gathering efforts, including extracting data from Anuraag's device and attempting to recover Sachin's data.
- Identified next steps for data collection.

Designed Testing Criteria
- Developed testing criteria based on paper titled "The ML Test Score: A Rubric for ML Production Readiness and Technical Debt Reduction"
- Compiled finding into design document
    - Reviewed methods with client

Lidar Collection and Presentation Prep
- Focused on lidar data collection and future presentation tasks.
    - Addressed laptop shutdown issues, possibly due to cold.
- Discussed preparation for a presentation rough draft after Thanksgiving.
- Formed two teams: labeling team and data matching to the KITTI dataset.
- Highlighted the importance of data formatting to match KITTI for compatibility.
- Assigned action items for creating a lidar video for the presentation.

Progress Discussion and Deliverables
- Inquired about expectations and grading from Selim.
- Clarified the big picture of the product, including deliverables and tools used.
- Discussed using MATLAB, PointPillar, TensorFlow/Keras for different steps in the process.
- Outlined the training process, testing procedures, and desired outcomes for the semester.
- Considered the future of publishing models and data, with a focus on design iterations and incorporating KITTI data.
- Mentioned potential struggles, costs, and Gantt chart usage.

Action Items from the Meetings:
- Include key points in the presentation, such as challenges faced, cost considerations for lidar, and project timeline.
- Email about final project details and conduct a final rehearsal.

- Explore the OpenPCDet repository (https://github.com/open-mmlab/OpenPCDet)

Overall Observations:
- Collaboration and communication among team members are evident through the organization of meetings and addressing specific agendas.
- A focus on practical aspects, including data recovery, lidar collection, and preparation for presentations, showcases a hands-on approach to the project.
- Awareness of future tasks, such as data formatting and potential challenges, indicates strategic planning.
- Action items indicate a clear plan for moving forward, with an emphasis on communication with project supervisors (Selim and Ahmed).