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 Starting the Project

Starting the Project

For this assignment, you can find the `smartcab` folder containing the **Machine Learning projects GitHub** (<https://github.com/udacity/machine-learning-projects>) in the `projects` folder. You may download all of the files for your program directly from this repo. Please make sure that you have the project files when completing a project!

This project contains three directories:

- `/logs/`: This folder will contain all log files that are generated once specific prerequisites are met.
- `/images/`: This folder contains various images of cars and the graphical user interface. You will not need to modify or create any files in this directory.
- `/smartcab/`: This folder contains the Python scripts that control the graphical user interface, the simulation, and the agent. Do not create any files in this directory except for `agent.py`.

It also contains two files:

- `smartcab.ipynb`: This is the main file where you will perform the analysis for your work.
- `-visuals.py`: This Python script generates the visualizations for the analysis. Do not modify.

Finally, in `/smartcab/` are the following four files:

- **Modify:**
 - `agent.py`: This is the main Python file where you will implement the project.
- **Do not modify:**
 - `environment.py`: This Python file will create the environment.
 - `planner.py`: This Python file creates a high-level plan towards a set goal.
 - `simulator.py`: This Python file creates the simulation.

Running the Code

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Submission

In a terminal or command window, navigate to the top-level (which contains the three project directories) and run one of the following commands:

```
python smartcab/agent.py or
python -m smartcab.agent
```

This will run the `agent.py` file and execute your implementation. Additionally, use the command `jupyter notebook smartcab/` in the `smartcab` directory to open up a browser window or tab to work with the Jupyter Notebook. Alternatively, you can use the command `jupyter notebook` to open a Jupyter Notebook in the current directory. In the browser window, navigate to the notebook file in the browser window that opens. Answer each question presented to successfully complete the project. A **README** file has files which may contain additional necessary information or

