My AI Learning Plan

{name}

Please use this template to create a customized learning plan. Once completed, your seminar instructor will review and discuss the plan with you. The research questions are as important as the technical aspects of your learning plan because your research drives your learning goals.

DEPARTMENT: {Your department name}

RESEARCH

In this section, briefly describe your research program, including your research questions. Also, please list the research methods you plan to use and supporting Python libraries of interest.

|  |  |  |
| --- | --- | --- |
| Method | Description | Python Library (Optional) |
|  |  |  |
|  |  |  |

RESEARCH KEYWORDS

Provide keywords which describe your research program.

SCHEDULE OF LEARNING ACTIVITIES

Please list the learning modules you will complete, what you plan to do to demonstrate mastery of the content (Deliverables), and the date by which the activity will be completed. Assessment options are listed in each module. Remember: this is your plan so set realistic and achievable milestones. If you have no technical experience, use the sample plan below as a starting point or contact me. Also, keep in mind that you are not limited to the modules in this seminar. For advanced students, I can also provide access to Nvidia’s online classes. A list of their offerings can be found at: <https://www.nvidia.com/en-us/training/online/> And finally, some of you may want to do exercises listed at the end of each chapter in *Python Without Fear*.

|  |  |  |  |
| --- | --- | --- | --- |
| Module | Deliverables | Due Date | Post |
|  |  |  |  |
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SAMPLE LEARNING SEQUENCE FOR NOVICES

|  |  |  |
| --- | --- | --- |
| Module | Deliverables | Due Date |
| Jupyter Notebooks | Selected Assessment Options |  |
| Variables | Selected Assessment Options |  |
| Type Conversions | Selected Assessment Options |  |
| Built-Ins | Selected Assessment Options |  |
| Libraries | Selected Assessment Options |  |
| Reading Tabular Data | Selected Assessment Options |  |
| Data Frames | Selected Assessment Options |  |
| Plotting | Selected Assessment Options |  |
| Loops | Selected Assessment Options |  |
| Conditionals | Selected Assessment Options |  |
| Functions | Selected Assessment Options |  |
| Style | Selected Assessment Options |  |

TECHNICAL SKILLS

In this section, please answer the following questions and tell us what technical skills you would like to acquire while executing your AI learning plan.

* How much programming experience do you have?
* Do you have any previous Python experience?
* Have you used HiperGator or ResVault before?
* Do you have any Linux or Unix experience?