* The project's **domain background** — the field of research where the project is derived;
* A **problem statement** — a problem being investigated for which a solution will be defined;
* The **datasets and inputs** — data or inputs being used for the problem;
* A **solution statement** — the solution proposed for the problem given;
* A **benchmark model** — some simple or historical model or result to compare the defined solution to;
* A set of **evaluation metrics** — functional representations for how the solution can be measured;
* An outline of the **project design** — how the solution will be developed and results obtained.

|  |  |
| --- | --- |
|  | Student briefly details background information of the domain from which the project is proposed. Historical information relevant to the project should be included. It should be clear how or why a problem in the domain can or should be solved. Related academic research should be appropriately cited. A discussion of the student's personal motivation for investigating a particular problem in the domain is encouraged but not required. |

Project proposal

Dog Breed Classifier

Domain Background