**Differences in python and c#**

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| Python | C# |
| Interpreted | Compiled |
| Easier to observe how each step modifies the model | Needs debugging |
| Has plenty of mathematical libraries for machine learning processes like data processing, predictive analysis, scientific computing. | Not much libraries are available for training ML models |
| Anaconda is a python distribution specifically aimed at building mathematical models. Optimised for calculations with lots of inbuilt capabilities | No such distribution available |
| Has active community and forums for discussions on problem areas of ML | No such community specifically available for data science work. More of developer community. |
| Dynamically typed: All variables are stored as objects in the python environment | Statically typed: Program variables are lost once the execution is over. Limited scope for human interaction and observation. |

Besides, python has some disadvantages like:

* Slower compared to compiled languages
* Not much options available for mobile computing
* Limited database drivers compared to other languages