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| **Simulation tool** | **Application domain** | **Modeling language** | **Object-oriented models** | **GUI model builder** | **Space-time diagrams** | **Parallelizable** | **Open-source** | **Year released** |
| DE-Sim | Complex, data-intensive models | Python | ✓ |  | ✓ | ✓ | ✓ | 2020 |
| SimPy | General purpose process-based framework | Python |  |  |  |  | ✓ | 2002 |
| SystemC | Digital hardware | C++ | ✓ |  |  |  | ✓ | 2000 |
| SIMUL8 | Business processes | Visual Logic | | ✓ |  |  |  | 1994 |
| SIMSCRIPT III | General purpose object-oriented simulation | SIMSCRIPT III | ✓ |  |  |  |  | 1971 |
| SimEvents | Communications networks | MATLAB | ✓ | ✓ |  |  |  | 2007 |