

Penn State Matching Algorithms

Old Algorithm

The existing Penn State algorithm attempts to perform an exact match first using one of the following sets of data:

- First and Last Name (match codes), Social Security Name, and Date of Birth
- First and Last Name (match codes), PSU ID #, and Date of Birth
- First and Last Name (match codes), Userid and Date of Birth

If there were no exact matches, then based on the country specified in the address, a fuzzy match is performed using DataFlux and one of the following rankings:

- [Domestic Rankings](#)
- [International Rankings](#)

If there are multiple matches, the highest ranking match is selected.

New Algorithm

This [algorithm](#) is a scoring algorithm as opposed to a chart-based one. From what I was told by Undergraduate Admissions, they are obtaining really good results with it.