

Finding the Best Neighborhood for an NFL Stadium in Portland, OR

Applied Data Science Capstone
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Business Problem

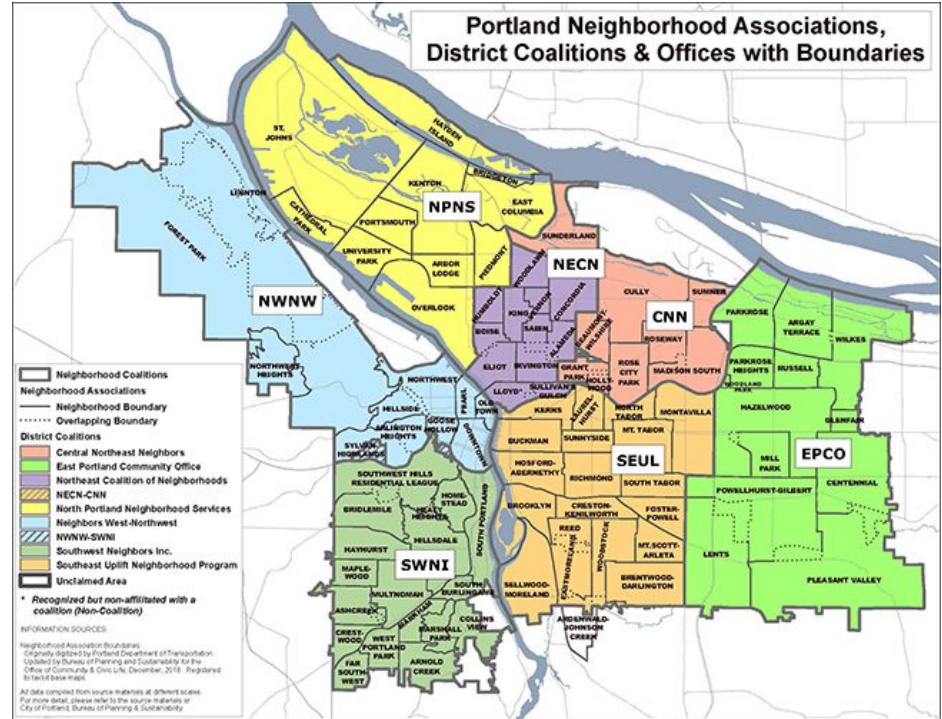
Portland, OR is one of the largest cities in the United States without a National Football League team, with a population of 2.3 million

If an NFL stadium were to be built in Portland, what would be the best location?

Portland Neighborhoods

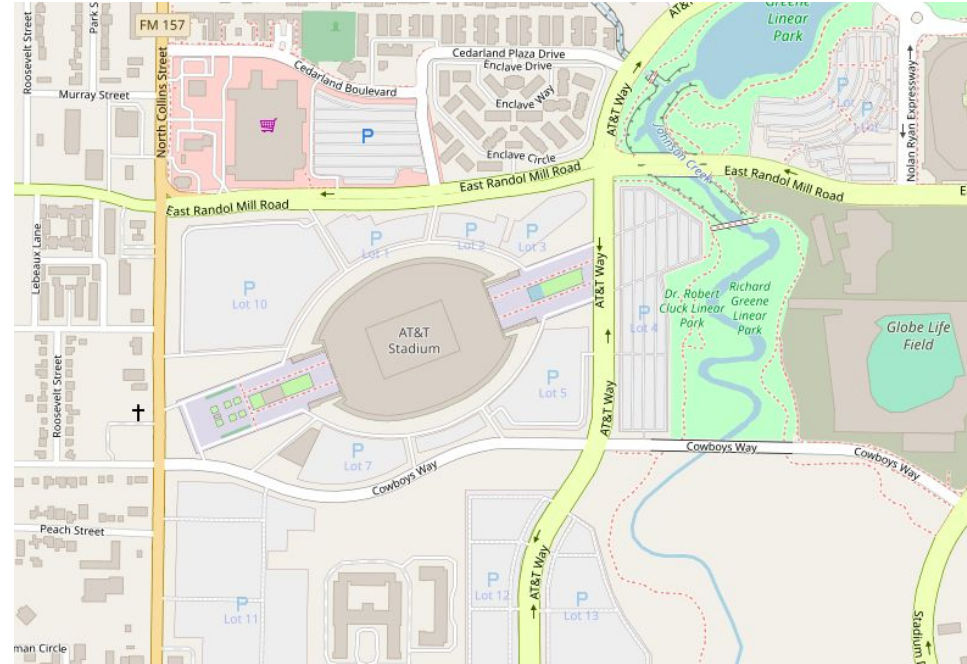
There are 93 different neighborhoods in Portland, OR

Each has existing venues that may make them a prime candidate for building a new stadium



NFL Stadiums

Each NFL stadium has some venues nearby.
What constitutes the “typical” stadium neighborhood?



Comparison

The “typical” stadium neighborhood:

	Neighborhood	ATM	Accessories Store	Airport Terminal	American Restaurant	Amphitheater	Antique Shop	Aquarium	Arcade	Art Gallery	...
0	Stadium	0.034483	0.068966	0.034483	1.034483	0.068966	0.034483	0.068966	0.034483	0.172414	...

Portland neighborhoods:

	Neighborhood	ATM	Accessories Store	American Restaurant	Amphitheater	Antique Shop	Arcade	Art Gallery
0	Alameda	0	0	0	0	0	0	0
1	Arbor Lodge	0	0	0	0	0	0	0
2	Ardenwald- Johnson Creek	0	0	0	0	0	0	0
3	Argay	0	0	0	0	0	0	0

Conclusion

The East Columbia neighborhood is the most similar to the “typical” stadium neighborhood, and is the recommended place to build a stadium

