

André and Angelique Buying Their Dream Home



André and Angelique

André is about to get married and start a family, so he is in the market for a new house in the Poitiers area. Since it is a buyer's market, André has had the opportunity to see a few houses for sale that he likes. André would rather live in a low populated area because he wouldn't want to have to parallel park or search for a parking space. He would rather be close to work and live in a low crime neighborhood. His future wife, Angelique, loves shopping and would like to have many retail stores close by if possible. He can't make a decision on which house to place a bid on and which houses to keep as second and third options in case his first bid is not accepted. André and Angelique have looked at five houses and collected the following information about these five options. Help André and his future wife find their dream house.

André and Angelique

Raw Data

Raw Data									
Choices	Factors								
	Strengths/Opportunities				Weakness/Threats				
	Square Meters	Resale Market Forecast	Number of Retail outlets	Number of schools	Real Estate Tax Rate	Price	Community size (population)	Distance to work (KM)	Crime rate
Naintre	300	-5.0%	250	2	1.50%	€ 150,000	20,000	20	0.7%
Poitiers Centre	250	2.0%	100	1	2.00%	€ 350,000	15,000	5	0.1%
Saint Benoit	200	-1.0%	225	3	1.80%	€ 180,000	5,000	19	NA
Saint Cyprien	200	-4.0%	215	2	2.10%	€ 165,000	8,500	9	0.4%
Biard	350	-2.0%	310	3	1.30%	€ 210,000	19,000	11	0.2%

NA = Not Available

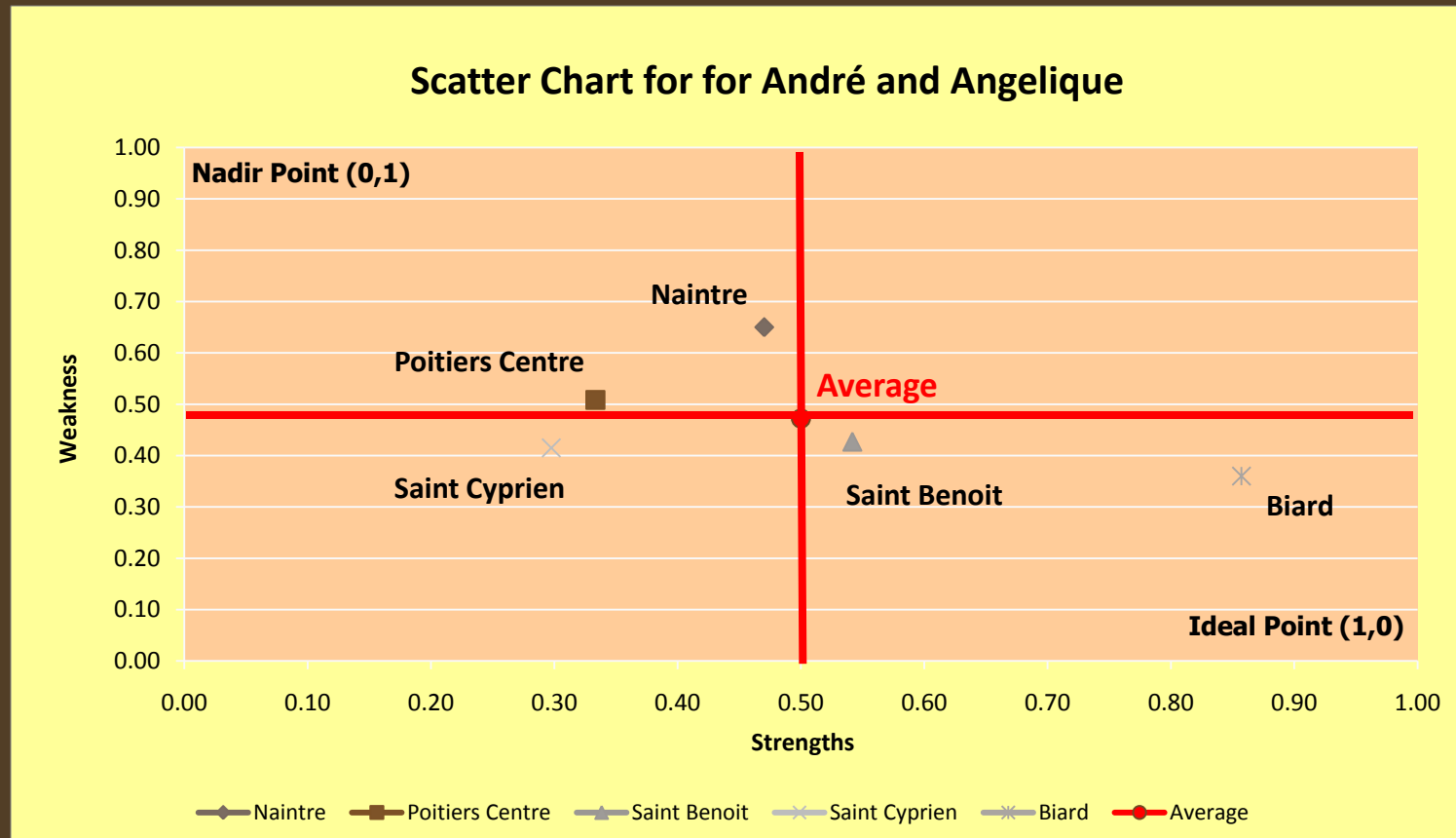
André and Angelique Normalized Data

Choices	Factors										
	Strengths/Opportunities					Weakness/Threats					
	Square Meters	Resale Market Forecast	Number of Retail outlets	Number of schools	Average Opportunity Score	Real Estate Tax Rate	Price	Community size (population)	Distance to work (KM)	Crime rate	Average Threat Score
Naintre	0.67	0.00	0.71	0.50	0.47	0.25	0.00	1.00	1.00	1.00	0.65
Poitiers Centre	0.33	1.00	0.00	0.00	0.33	0.88	1.00	0.67	0.00	0.00	0.51
Saint Benoit	0.00	0.57	0.60	1.00	0.54	0.63	0.15	0.00	0.93	NA	0.43
Saint Cyprien	0.00	0.14	0.55	0.50	0.30	1.00	0.08	0.23	0.27	0.50	0.42
Biard	1.00	0.43	1.00	1.00	0.86	0.00	0.30	0.93	0.40	0.17	0.36

André and Angelique Synthesized Data

Synthesized Data				
Choices	Average Opportunity Score	Average Threat Score	Euclidean Distance	Rank
Naintre	0.47	0.65	0.839	5
Poitiers Centre	0.33	0.51	0.838	4
Saint Benoit	0.54	0.43	0.626	2
Saint Cyprien	0.30	0.42	0.816	3
Biard	0.86	0.36	0.387	1
Average	0.50	0.47		
Ideal	1.00	0.00		

André and Angelique Scatter Chart



André and Angelique Radar Diagram

