**Method**

In order to get the best value for single family parents, we have constructed our formula based on price as well as education. Price will be represented by a consistent affordability standard, which we have ranked the neighborhood based on the price per square footage. On the other hand, education level will be represented by the top 10 ranked school districts in Brooklyn. Though many families wish to give their children the best education, affordability is also important, to capture fair representations, we have assigned each factor a 50% weight. The results will be ranked from the best to worst with score ranged from 1 to 10.

**Formula:**

Value = Affordability Ranking \* 50% + Education Ranking \* 50%

**Value Criteria:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Value Matrix** | First | Second | Third | Fourth | Fifth | Sixth | Seventh | Eighth | Ninth | Tenth |
| Education Score (50%) | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| Affordability Score (50%) | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

|  |  |
| --- | --- |
| **Education Ranking** | **Education Score** |
| 20 | 5 |
| 15 | 4.5 |
| 22 | 4 |
| 21 | 3.5 |
| 17 | 3 |
| 32 | 2.5 |
| 14 | 2 |
| 13 | 1.5 |
| 18 | 1 |
| 19 | 0.5 |

|  |  |  |
| --- | --- | --- |
| **Affordability Ranking** | **Ave Price/Square($)** | **Affordability Score** |
| 19 | 290.76 | 5 |
| 18 | 354.95 | 4.5 |
| 22 | 478.35 | 4 |
| 17 | 557.76 | 3.5 |
| 21 | 612.86 | 3 |
| 20 | 654.44 | 2.5 |
| 32 | 735.5 | 2 |
| 13 | 775.31 | 1.5 |
| 15 | 981.8 | 1 |
| 14 | 1375.8 | 0.5 |

**Total Ranking**

|  |  |
| --- | --- |
| **Total Ranking** | **Total Score** |
| 22 | 8 |
| 20 | 7.5 |
| 21 | 6.5 |
| 17 | 6.5 |
| 15 | 5.5 |
| 18 | 5.5 |
| 19 | 5.5 |
| 32 | 4.5 |
| 13 | 3 |
| 14 | 2.5 |

A screenshot of a cell phone

Description automatically generated