**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** | **District Name** | **Education Score** |
| First | Carroll Gardens | 5 |
| Second | Park Slope | 4.5 |
| Third | South Slope | 4 |
| Fourth | Boerum Hill | 3.5 |
| Fifth | Borough Park | 3 |
| Sixth | Bath Beach | 2.5 |
| Seventh | Bay Ridge | 2 |
| Eighth | Clinton Hill | 1.5 |
| Ninth | Dyker Heights | 1 |
| Tenth | Bensonhurst | 0.5 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Affordability Ranking** | **District Name** | **Ave Price/Square($)** | **Affordability Score** |
| First | Dyker Heights | 627.31 | 5 |
| Second | Borough Park | 645.56 | 4.5 |
| Third | Bensonhurst | 646.89 | 4 |
| Fourth | Bay Ridge | 673.97 | 3.5 |
| Fifth | Bath Beach | 695.57 | 3 |
| Sixth | Park Slope | 893.26 | 2.5 |
| Seventh | Carroll Gardens | 1076.02 | 2 |
| Eighth | Clinton Hill | 1148.65 | 1.5 |
| Ninth | Boerum Hill | 2120.8 | 1 |
| Tenth | South Slope | nan | - |

**Total Ranking**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Total Ranking** | **District Name** | **Affordability** | **Education** | **Total Score** |
| First | Borough Park | 4.5 | 3 | 7.5 |
| Second | Park Slope | 2.5 | 4.5 | 7 |
| Third | Carroll Gardens | 2 | 5 | 7 |
| Fourth | Dyker Heights | 5 | 1 | 6 |
| Fifth | Bay Ridge | 3.5 | 2 | 5.5 |
| Sixth | Bath Beach | 3 | 2.5 | 5.5 |
| Seventh | Bensonhurst | 4 | 0.5 | 4.5 |
| Eighth | Boerum Hill | 1 | 3.5 | 4.5 |
| Ninth | Clinton Hill | 1.5 | 1.5 | 3 |
| Tenth | South Slope | - | 4 | #VALUE! |

A screenshot of a cell phone

Description automatically generated

A screenshot of a video game

Description automatically generated