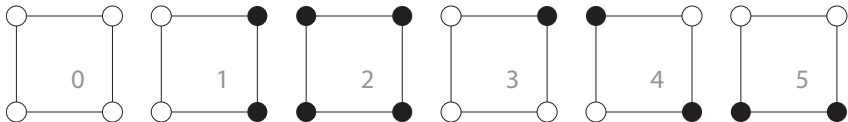


Original Cells



Output Cell Count

Map Classification Function

0	1	0	1	2	1
---	---	---	---	---	---

Output Array Location

Exclusive Prefix Sum of Cell Count

0	0	1	1	2	4
---	---	---	---	---	---

(0,0)
X

(0,1)

(1,0)
X

(1,1)

(2,2)

(4,1)

Write New Cells

Scatter based on location and count

