**Sets and Logics**

≡ - Logical equality - OR

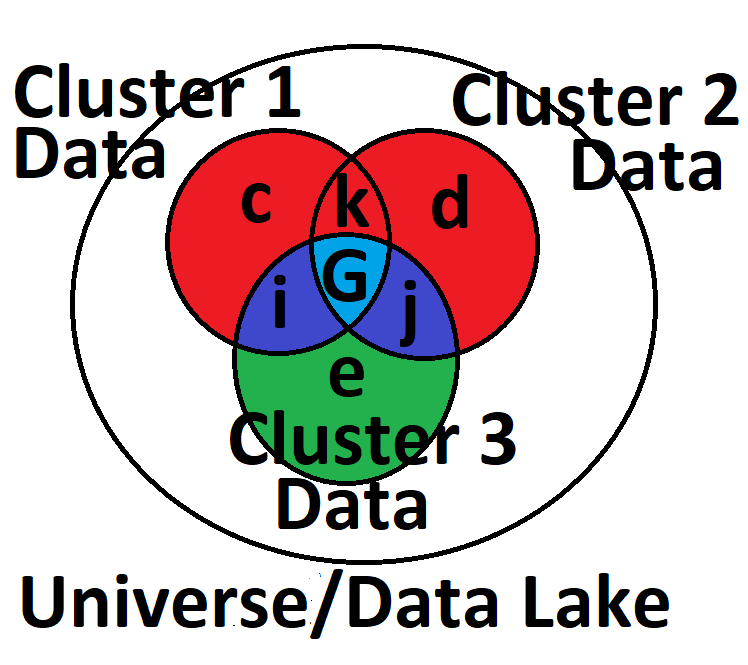
A is a data inside cluster C. AC

B is a data inside cluster D B

F is a data inside cluster E F

H is a data inside cluster C in the crescendo sector G H

L is a data inside Cluster E in crescendo sector I LEC



“Book of proof” by Hamnock – For discrete Math

**Truth Tables**

**P – is a true statement**

**Q – is a false statement**

**P**  **Q – True OR False**

**P Q – True AND False**

|  |  |
| --- | --- |
| **P** | **Q** |
| **T** | **F** |
| **F** | **T** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **P** | **PP** | **PP** | **T** | **F** |
| **T** | **T** | **T** | **T** | **F** |
| **F** | **F** | **F** | **T** | **F** |

**P**≡**PP**≡**PP**