**Allergy Season**

Five friends (Allegra, Ben, Clara, Flora, and Zach) are each allergic to something different: pollen, shellfish, bee stings, cats, or nuts.

* Allegra has a food allergy
* Ben can play with his kitten for hours without issue (or medicine).
* Clara’s allergy is not related to animals.
* Flora has seasonal allergies.

Can you figure out who is allergic to what?

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Pollen | Shellfish | Bee stings | Cats | Nuts |
| Allegra | 0 | 1 | 0 | 0 | 0 |
| Ben | 0 | 0 | 1 | 0 | 0 |
| Clara | 0 | 0 | 0 | 0 | 1 |
| Flora | 1 | 0 | 0 | 0 | 0 |
| Zach | 0 | 0 | 0 | 1 | 0 |

|  |  |
| --- | --- |
| Flora | Pollen |
| Clara | Nuts |
| Allegra | Shellfish |
| Ben | Bee Stings |
| Zach | Cats |

Solution

1. Flora has seasonal allergies which is pollen.
2. Clara’s allergy is not related to animals, which leaves only nuts (since pollen is taken).
3. Allegra has a food allergy, which leaves only shellfish.
4. The remaining two options are bee stings and cats and since Ben does not have issues with cats, he is allergic to bee stings.
5. Which leaves Zach who is allergic to cats.