

Week Five

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SEIR Model

- An extension to “**SIR model**”.
- The full-form is as follows:
 - ★ ‘**S**’ stands for “*Susceptible*” to disease. Entities in this set are **vulnerable** to diseases.
 - ★ ‘**E**’ stands for “*Exposed*”. Entities in this set **are infected**, but they are **not infectious** to other Entities in **S**.
 - ★ ‘**I**’ stands for “*Infected*”. Entities in this set can **infect** others as well.
 - ★ ‘**R**’ stands for “*Recovered*” from infection.

References:

Wikipedia: Compartmental models in epidemiology