

The Option Enum

Learn to Code with Rust

The **Option** Enum

- The **Option** enum models a scenario where a value can be present or absent.
- The **Some** variant indicates that we have *something*.
- The **Some** variant stores an associated piece of data of generic type **T**.
- The **None** variant indicates that we have *nothing*.
- The **None** variant holds no associated data.

```
pub enum Option<T> {  
    None,  
    Some(T),  
}
```