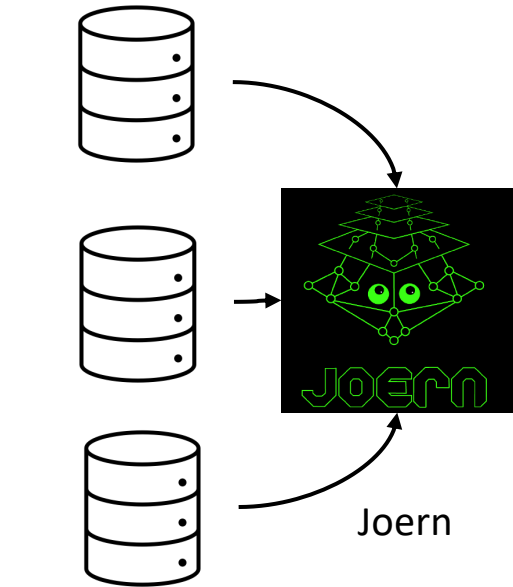
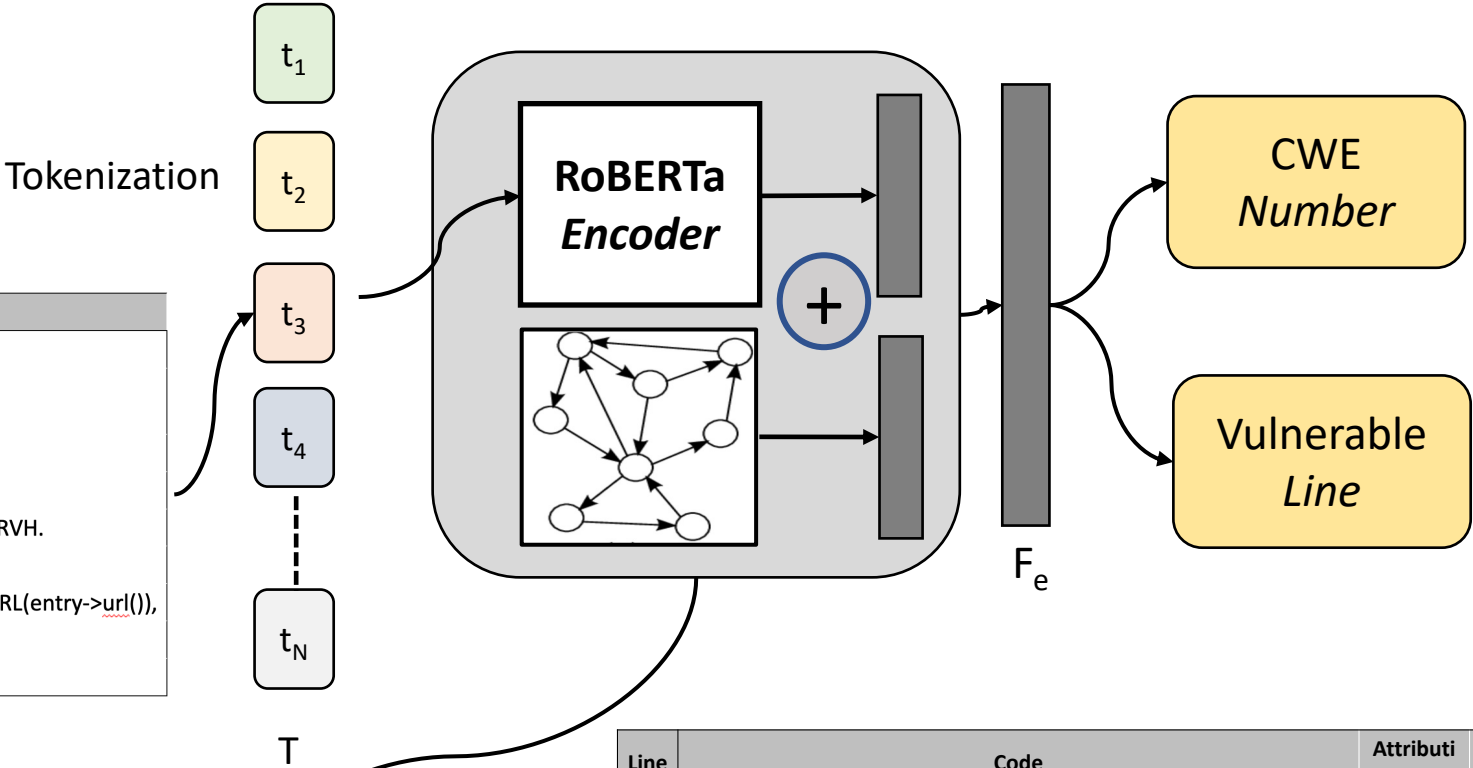


1.Repository Scanner



```
Code
void GoBackCrossSite() {
    NavigationEntry* entry = contents()-
>controller().GetEntryAtOffset(-1);
    ASSERT_TRUE(entry);
    contents()->controller().GoBack();
    // The navigation should commit in the pending RVH.
    contents()->TestDidNavigate(
    contents()->pending_rvh(), entry->page_id(), GURL(entry->url()),
    contents::PAGE_TRANSITION_TYPED);
}
```

2. VulDetector



SHAPly Explainability
Explainability (\hat{E})

After Training

Line	Code	Attributi on Score	Simplified
1	void GoBackCrossSite() {	0.12	0
2	NavigationEntry* entry = contents()->controller().GetEntryAtOffset(-1);	0.33	1
3	ASSERT_TRUE(entry);	0.25	1
4	contents()->controller().GoBack();	0.25	1
5	// The navigation should commit in the pending RVH.	0.05	0
6	contents()->TestDidNavigate(0.0	0
7	contents()->pending_rvh(), entry->page_id(), GURL(entry->url()),	0.0	0
8	contents::PAGE_TRANSITION_TYPED);	0.0	0
9	}	0.0	0
Vulnerable: [t_start, t_end] = [14, 23] Root Cause: Line 2 Line 3 Line 4			

3. VulExplainer