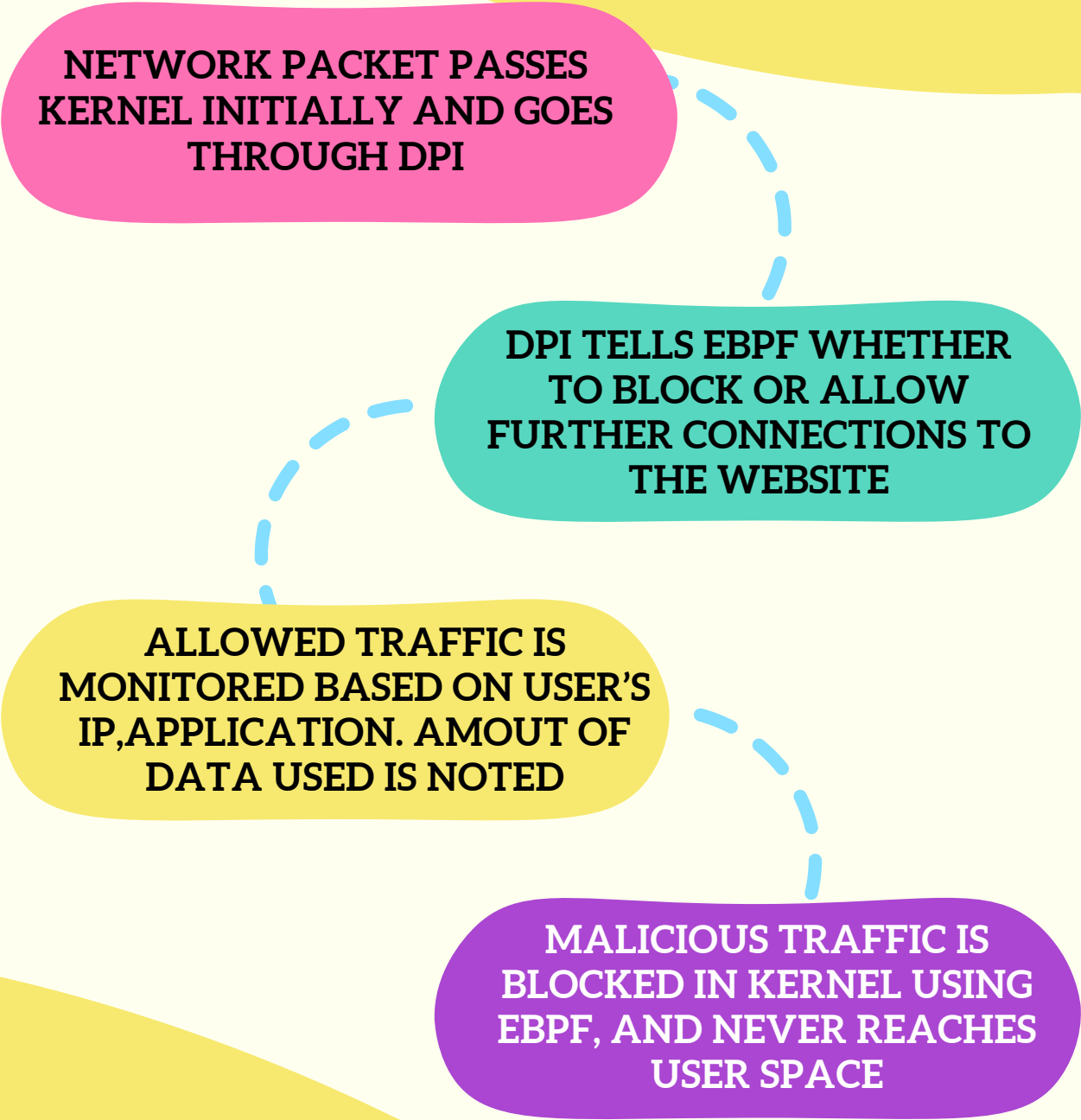


MAJOR PROJECT C-29

MALICIOUS WEBSITE DETECTION AND BLOCKING SYSTEM USING EBPF

The project utilizes eBPF for traffic filtering, while first performing deep packet inspection (DPI) to analyze the content. This combination allows for efficient, real-time traffic monitoring and filtering based on packet data, enhancing network security and performance by identifying and mitigating threats before applying filtering rules.



OBJECTIVES

Objective 1:	Objective 2:	Objective 3:
To detect websites based on Deep Packet Inspection	To log website traffic to a database.	To block websites using eBPF