

# Epics and user stories

## *Epic One: PCAP Ingestion*

### User stories

1. As a user I want to upload a PCAP file so that I can analyse my network traffic.
2. As a user I want to be told if the PCAP file is corrupted or invalid so that the analysis fails safely.

## *Epic Two: Data extraction and processing*

### User stories

1. As a user I want network traffic to be grouped into flows so that I can understand patterns.
2. As a user I want to view flow metrics so that I can interpret users' network behaviour.

## *Epic Three: Dashboard UI*

### User stories

1. As a user I want a simple workflow so that I can easily analyse my data without advanced technical knowledge
2. As a user I want a clean and intuitive interface so that I can use the tool with minimal training
3. As a user I want the UI to function without crashing or freezing so that I can use the UI without hindrance.

## *Epic Four: Data visualisation*

### User stories

1. As a user I want to be able to view interactive charts that show traffic size and flow statistics over time so that I can visually understand the data.
2. As a user I want to be able to filter the dashboard by protocol, time, and classification so that I can view specific activities.
3. As a user I want short descriptions for each chart so that I can understand what the data represents and means.
4. As a user I want summarised statistics so that I can make quick insights.

## *Epic Five: Documentation*

### User stories

1. As a user I want straightforward documentation so that I can understand how to get started.
2. As a user I want straightforward documentation of key network concepts so that I can understand the data and what it means