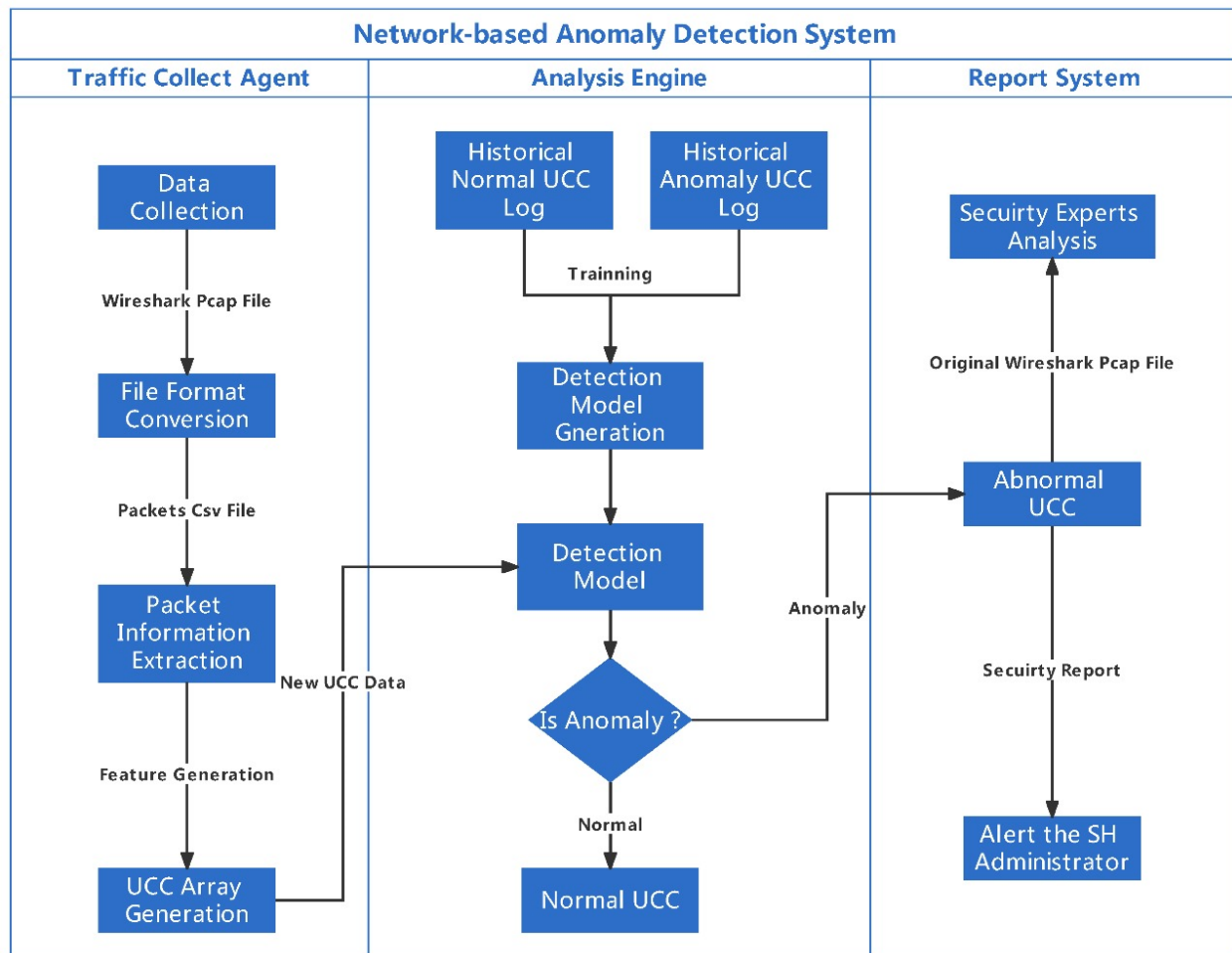


# Data Flow Diagram & User Stories

Project Name - Network Anomaly Detection



## User Stories

User Story ID	As a	I want to	So that I can
US-01	Network Admin	Detect anomalies	Ensure network reliability and security
US-02	System Analyst	Set custom alert thresholds	Customize anomaly detection for specific network conditions
US-03	Security Analyst	Receive real-time alerts	Respond to security threats promptly
US-04	NOC Operator	View anomaly reports	Take corrective actions on the network
US-05	Network Engineer	Automatically block malicious traffic	Protect the network from threats
US-06	DevOps Engineer	Integrate anomaly detection into CI/CD pipeline	Ensure application and network stability
US-07	Compliance Officer	Generate compliance reports	Ensure adherence to regulatory requirements
US-08	Helpdesk Support	Access historical anomaly data	Assist users with network-related issues
US-09	IT Manager	Monitor network health	Make informed decisions for resource allocation
US-10	Data Analyst	Export anomaly data for analysis	Perform in-depth analysis for network optimization
US-11	CISO	Ensure data privacy and compliance	Identify and address potential security risks
US-12	SOC Analyst	Correlate anomalies with threat intelligence	Improve threat detection and response
US-13	Network Operator	Acknowledge and clear alerts	Manage ongoing network anomalies effectively
US-14	Administrator	Configure anomaly detection rules	Tailor the system to suit specific network requirements
US-15	Executive	Monitor network anomalies on a dashboard	Make high-level decisions based on network performance
US-16	Auditor	Review audit trails of detected anomalies	Ensure transparency and accountability