

INTRODUCTION TO BIG DATA

ECAP456

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Learning Outcomes



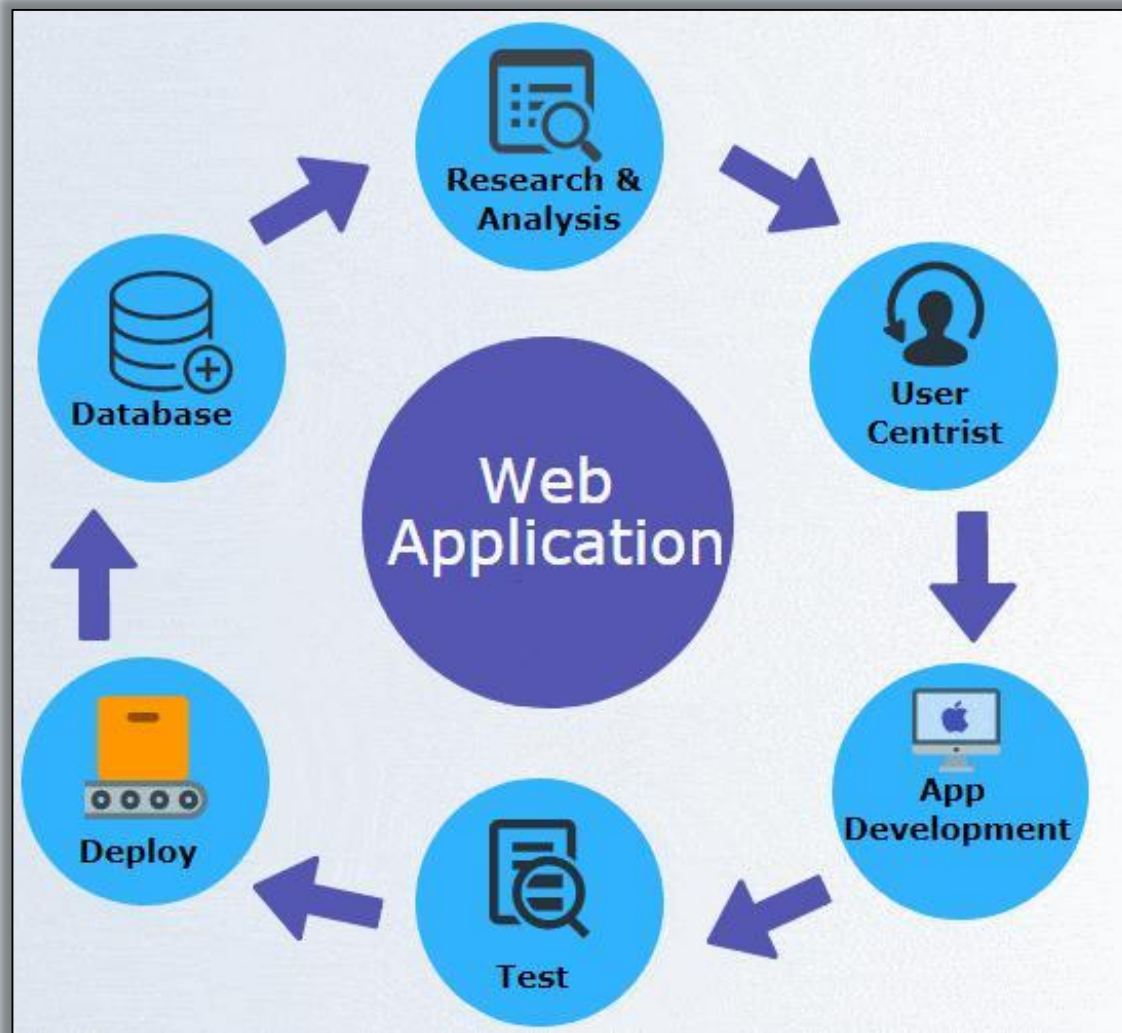
After this lecture, you will be able to

- explore concepts of SPLUNK,
- learn features of Splunk,
- understand Interfaces and data ingestion.

Introduction

splunk >

Introduction



Introduction



Sensors

Introduction

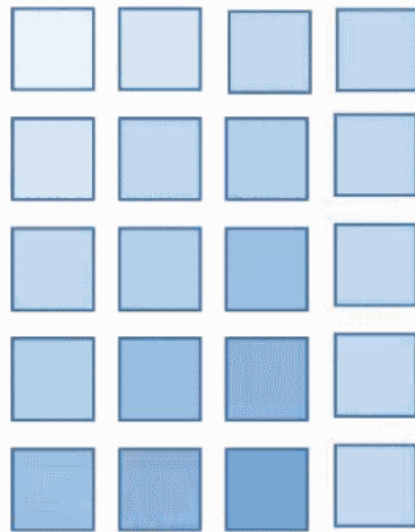


Data

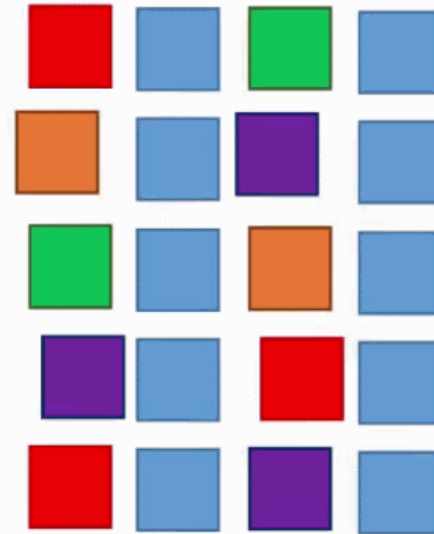


IT Infrastructure

Structured Data



Semi-Structured



Introduction

A diagram showing six built-in data types arranged in a rectangular box. The types are: Boolean, Int, Float, Char, Void, and Double. They are positioned as follows: Boolean is on the left, Int is at the top center, Float is at the top right, Char is in the center, Void is at the bottom left, and Double is at the bottom right.

Built-in feature to
recognize data types

Introduction



Data Visualization

Prerequisites

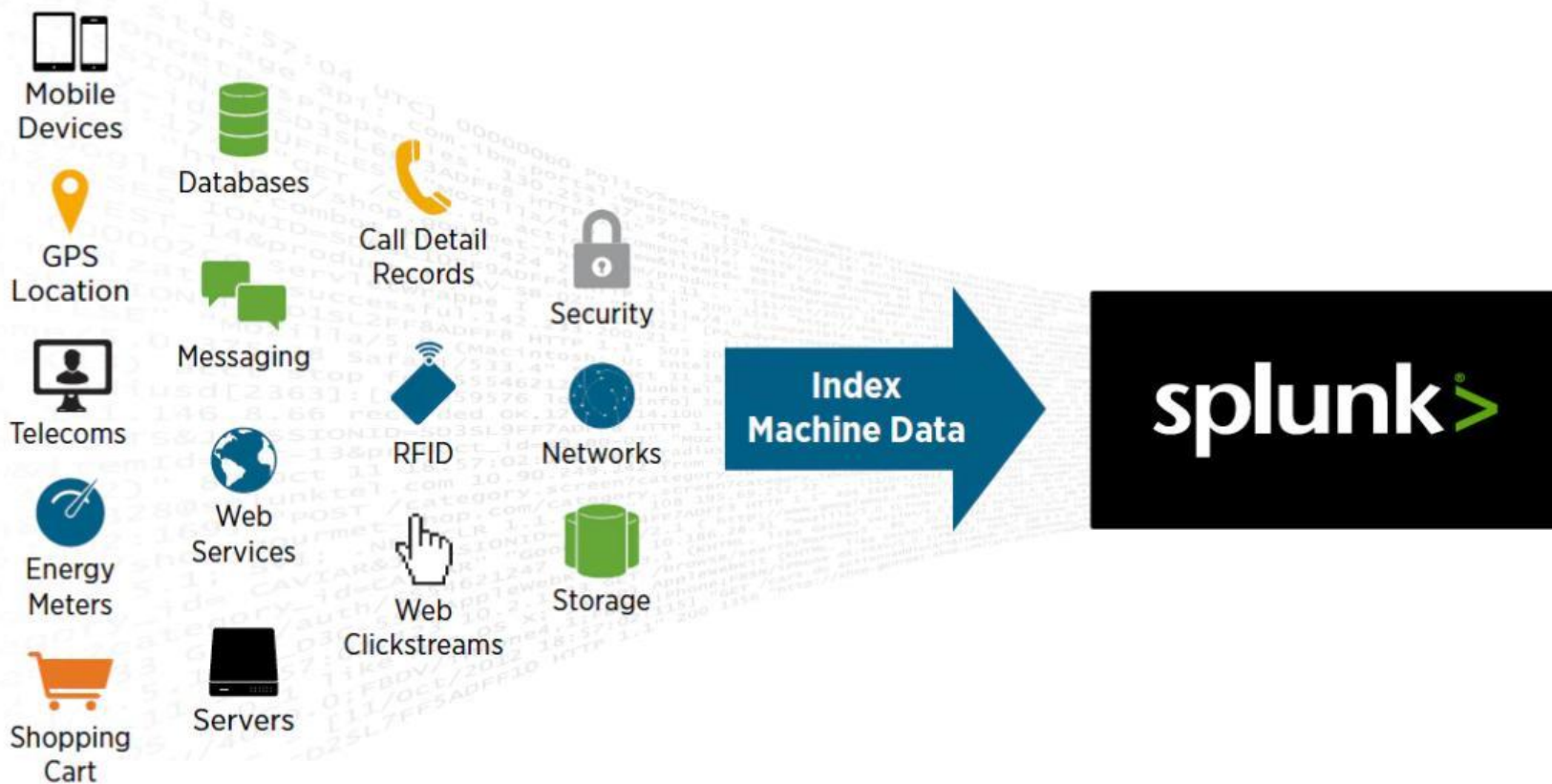


Structured Query
Language

Log



Prerequisites

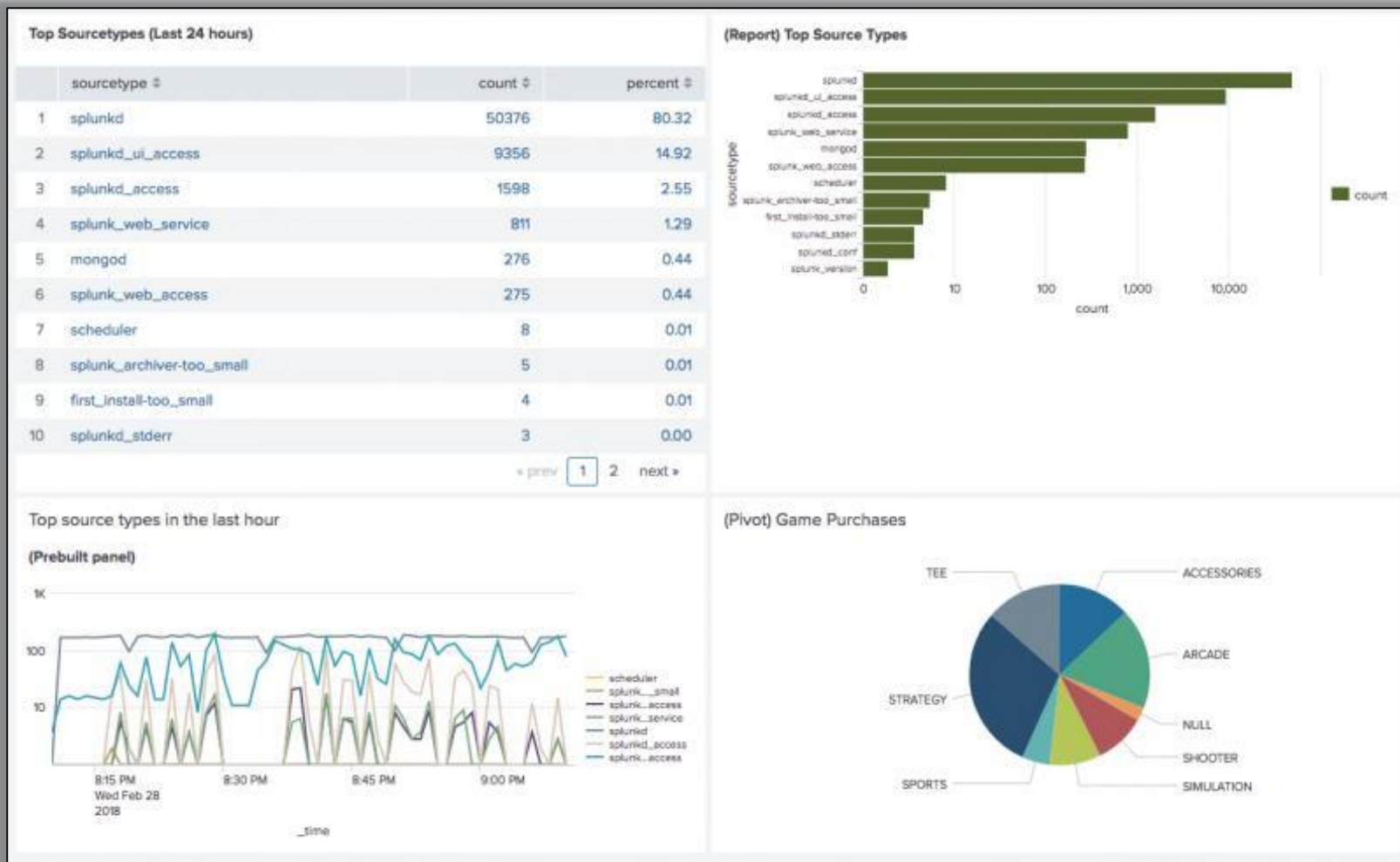


Prerequisites

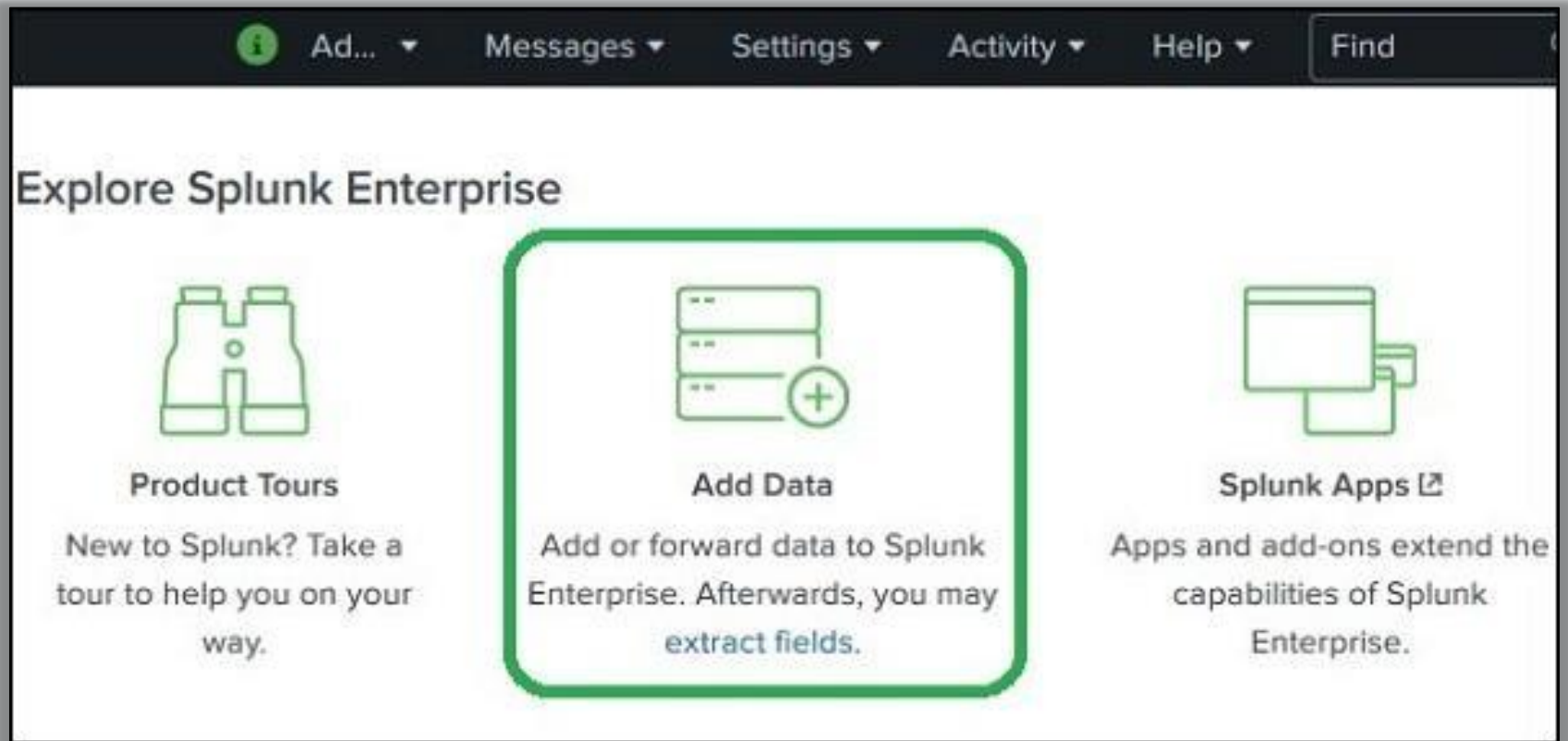


Splunk can read this unstructured, semi-structured or rarely structured data

Prerequisites



Prerequisites

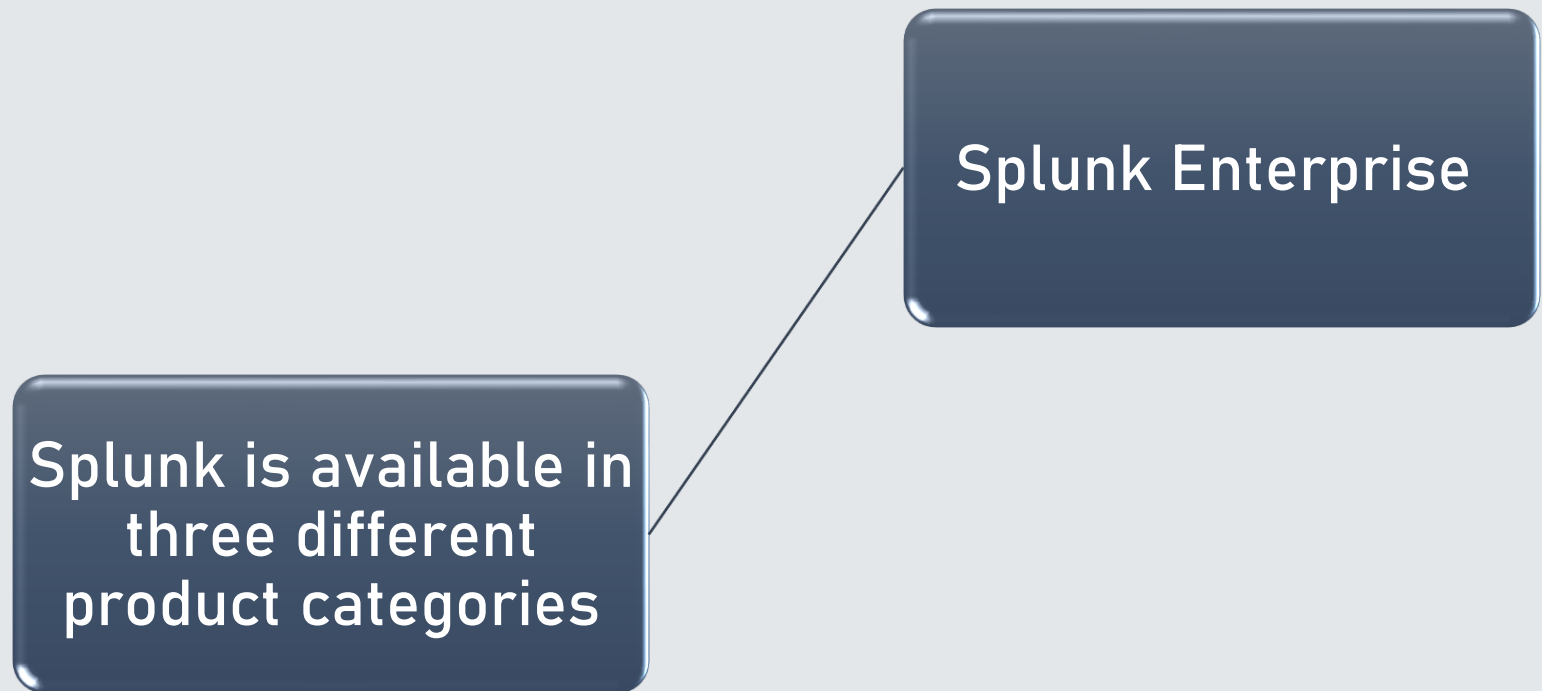


General analytical tool for unstructured machine data and various forms of big data.

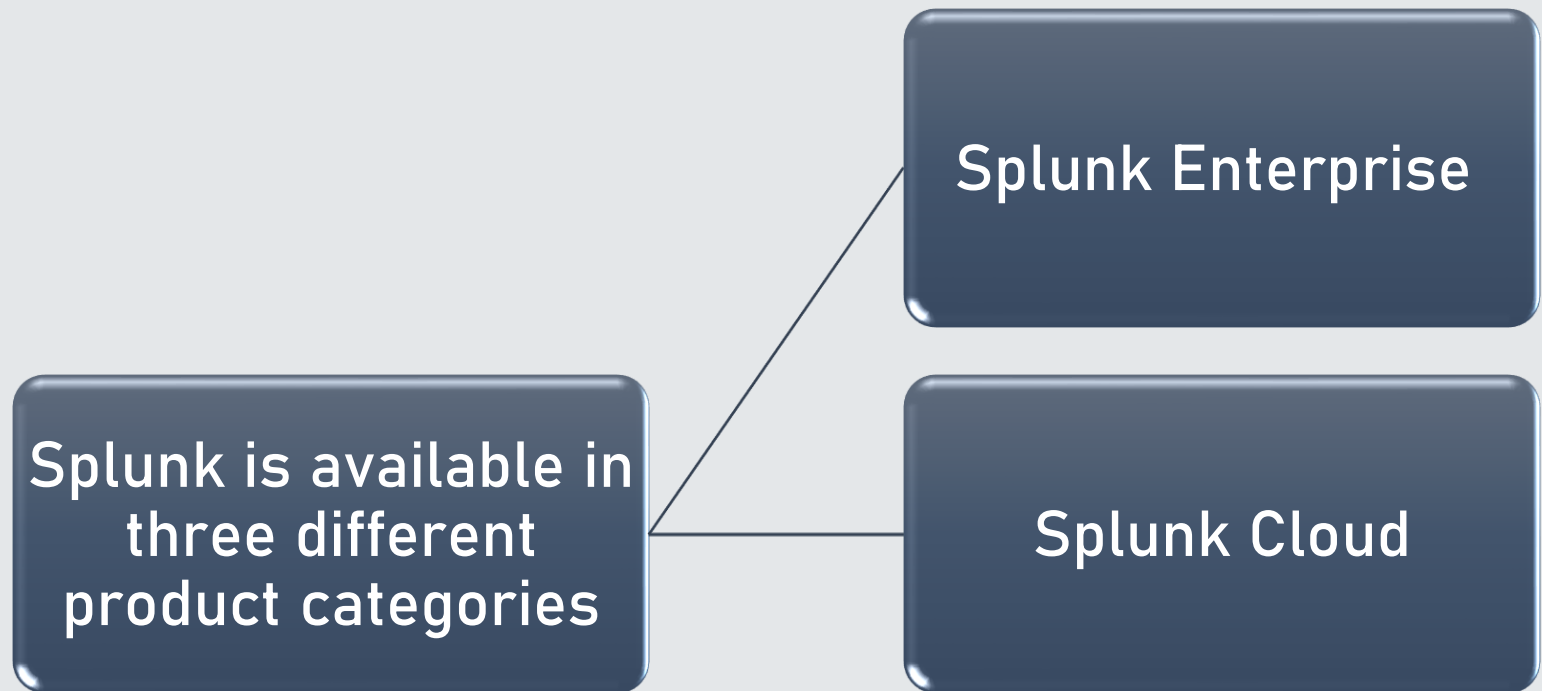
Product Categories

Splunk is available in
three different
product categories

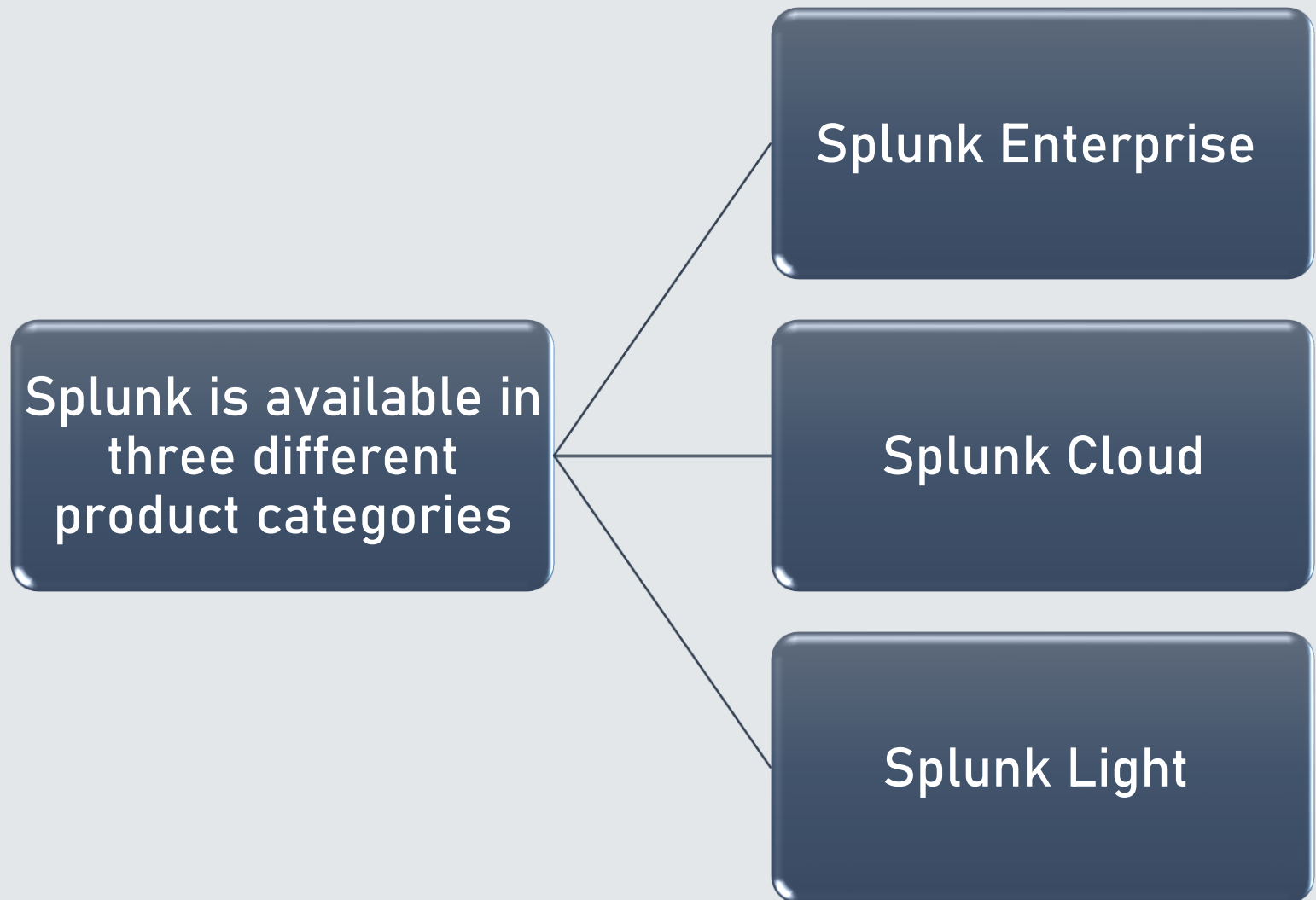
Product Categories



Product Categories



Product Categories



Splunk Features



**Data
Ingestion**



**Data
Indexing**



**Data
Searching**



**Using
Alerts**



Dashboards



Data Model

Splunk Interface



That's all for now...