

# Leveraging Cloud Services for Large Scale Fuzzy Hashing

DS7330

**Presenters:**

Adam Alidra

Leonardo Leal Filho

Josh Mitchell

[ssDeep Term Project Repo](#)

# Introduction

## *What is fuzzy hashing?*

*A type of compression function for calculating the similarity between digital files*

## *Use cases*

*IoC's and malware analysis*

## *How it works*

*Gather hashes and compare them to database(s) to see if the hash matches a known-bad sample*

## *About ssDeep*

*It works by computing a fuzzy hash of each piece of data supplied to it and compares the hashes generating a similarity score ranging from 0 to 100*

# As-a-Service

