	B.Sc M.Sc
	A Fully Automated
	Analysia Dinalina for Lang tarm Intor
	Analysis Fipeline for Long-terminiter-
	net Iraffic Analysis
Motivation	Analyzing network traffic characteristics allows to survey the impact of ongoing evolution of technologies and network services.
	in order to study the characteristics of Internet traffic and IP prefixes in particu- lar. So far, there exists a highly scalable traffic analysis tool written in Go that already enables to import measurement results to a database back-end (Elas- ticSearch). Related work proposes numerous approaches to characterize and interpret traffic characteristics.
	However, analyzing large numbers of traffic captures taken over several years suggests the automation of the entire analysis process: from captured traffic to the representation of sophisticated analysis results.
Your Task	Get familiar with the existing toolchain
	Determine appropriate analysis approaches and representations
	<ul> <li>Implement a framework to automatically</li> <li> analyze PCAPS</li> </ul>
	aggregate results
	represent results
	Analyze Internet traffic of the last few years!
What you should bring	<ul> <li>Interest in working with different tools and libraries (analyzer, database, aggregation of results, representation)</li> </ul>
	Programming skills, preferably Python
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