

Quiz 2: Solutions

A deterministic finite automaton (DFA) is formally defined by a five-tuple, $(Q, \Sigma, \delta, q_0, F)$.

- 1 Q is the (finite) set of states
- 2 Σ is the (finite) set of input symbols, i.e., the alphabet
- 3 δ is the transition function
- 4 q_0 is the initial (or start) state
- 5 F is the set of final (or accepting) states