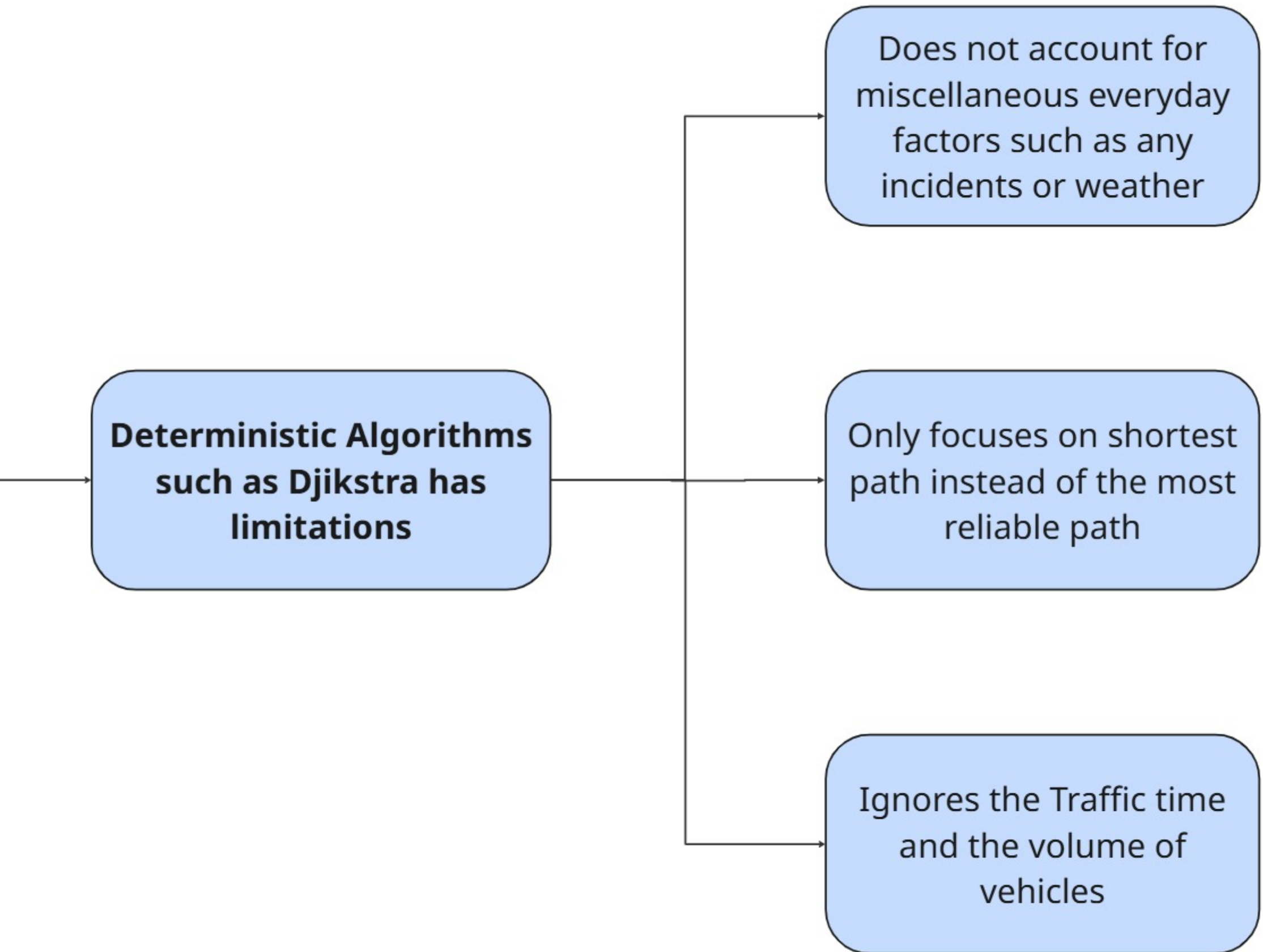


**Deterministic Algorithms
such as Dijkstra has
limitations**

Does not account for
miscellaneous everyday
factors such as any
incidents or weather

Only focuses on shortest
path instead of the most
reliable path

Ignores the Traffic time
and the volume of
vehicles



**Our Approach: Path based SOTA
(Stochastic On Time Arrival)**

Takes the Arrival
time as a random
variable

Most Reliable path
irrespective of the
distance

Result is achieved as
most reliable fixed path
under uuncertainty

Takes the Road
System as a directed
graph with streets as
links and turns as

Most Reliable path
irrespective of the
distance

