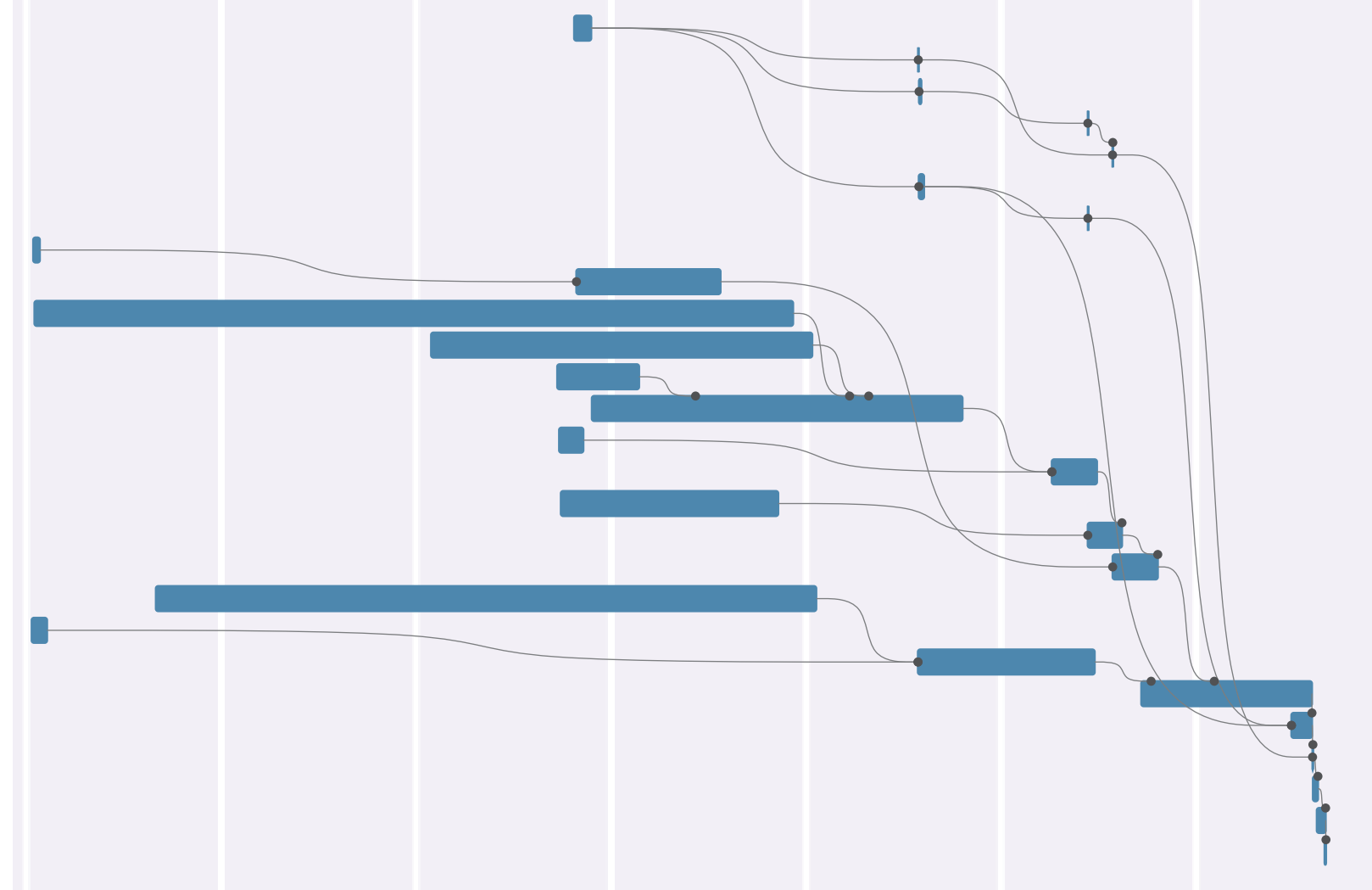
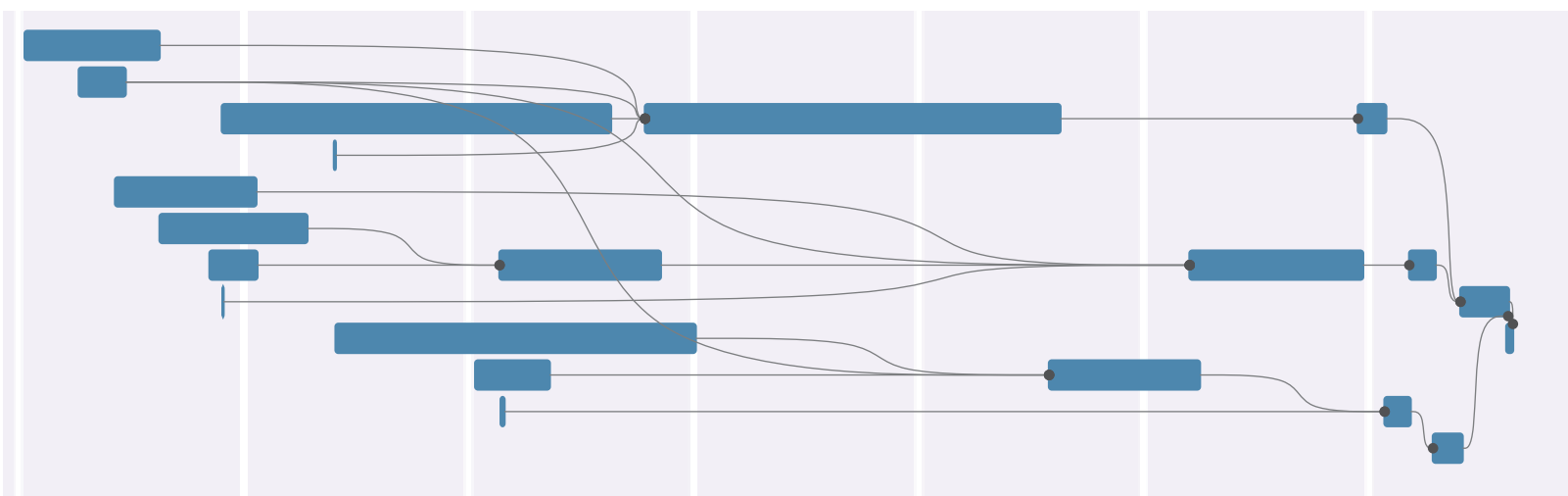


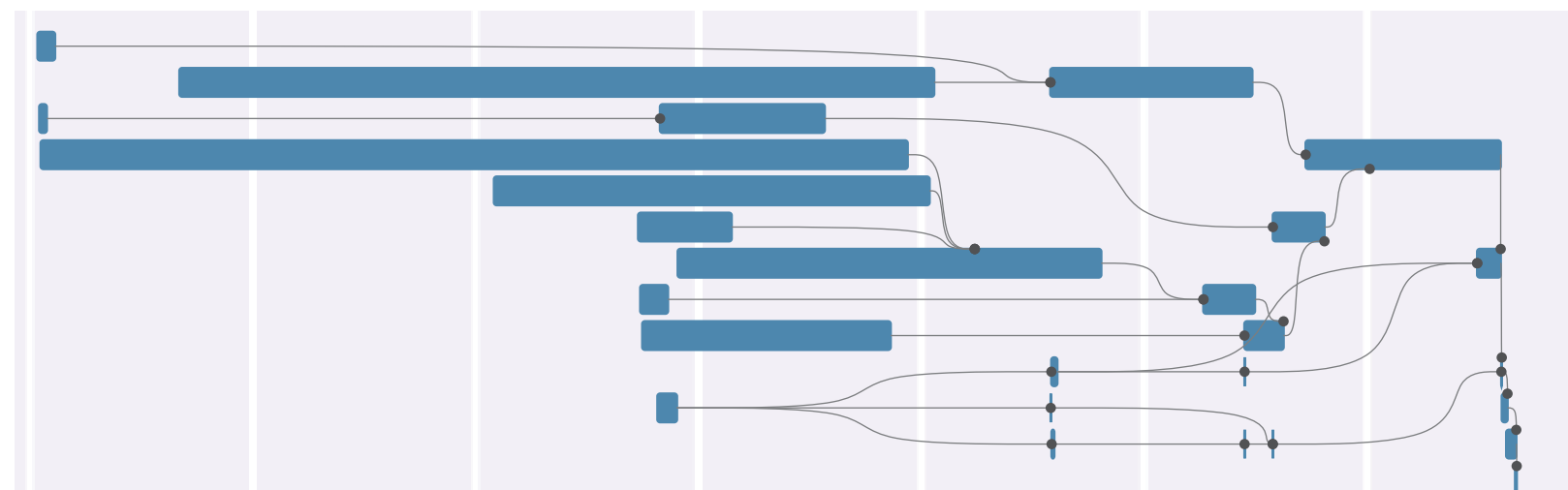
(a) TezUI for TPC-DS Q5



(b) TezUI for TPC-DS Q54



(c) Our solution for TPC-DS Q5



(d) Our solution for TPC-DS Q54