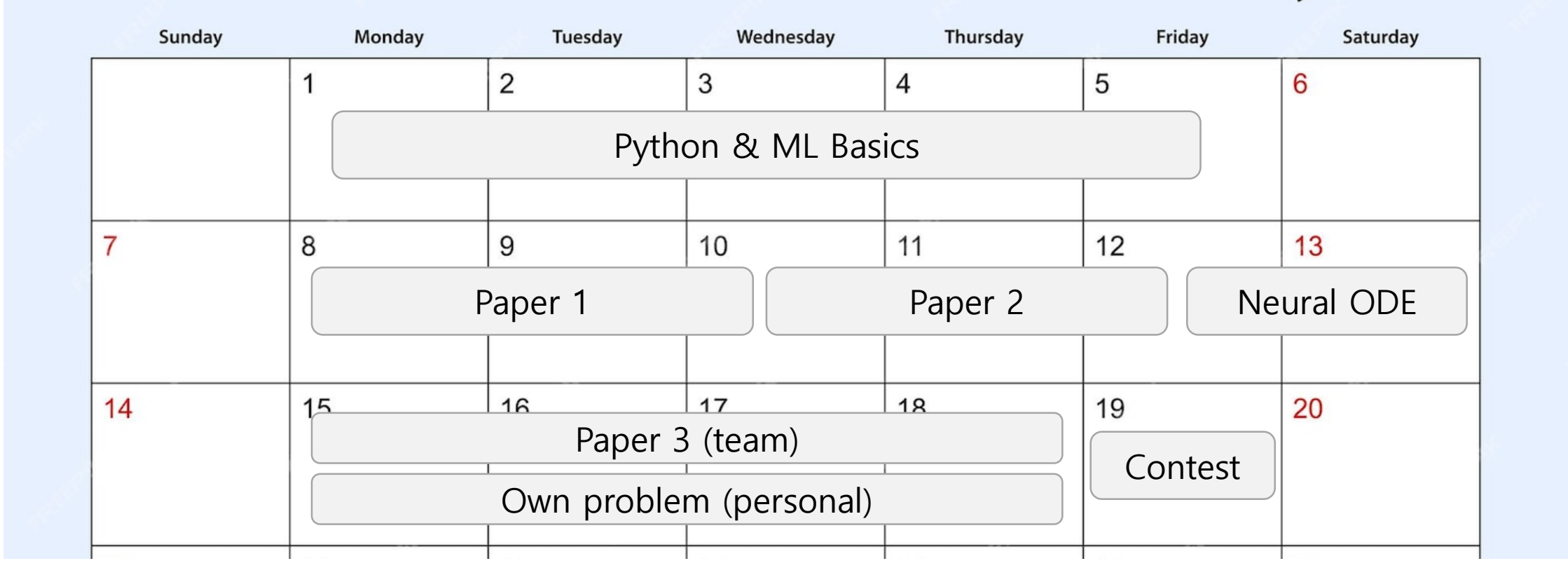


Paper 1. arXiv:2011.13726v2
Paper 2. arXiv:2209.05203v3
Paper 3. arXiv:2401.06417v2

Contest (Team & Personal)
Fri. 10 am

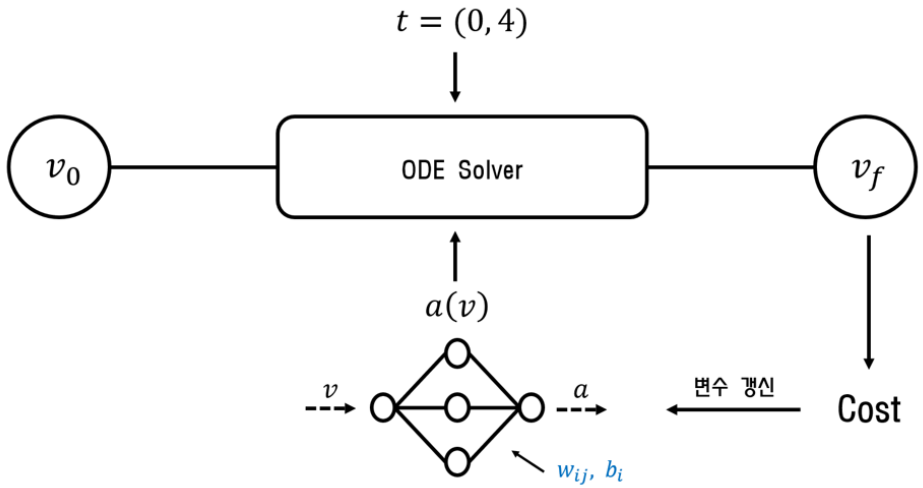
Neural ODEs

Training Data : (v_0, V_f)

Model (Neural Network) : $a(v)$ ← $w_{ij},\ b_i$

ODE Solver : v_0, $a(v)$ $\rightarrow v_f$, $t = (0,1)$

Cost : $avg(|v_f - V_f|)$



Docs.
Sec. 3.1 in arXiv:2401.00939
Sec. 4.1 in arXiv:2406.07395v1

ODE solvers
1st. Euler method like previous paper
2nd. Dopri5 using the package "torchdiffeq"(recommend) or "xitorch"