HIP-IMO Schedule

WK 1 Mon, June 5 Meet Mentors (3 – 4 pm)

Tues, June 6 Project Reading (3 – 4 pm)

Wed, June 7 Project Reading (3 – 4 pm)

Thurs, June 8 Project Reading (3 – 4 pm)

Fri, June 9 Project Reading (3 – 4 pm)

WK 2 Mon, June 12 Intro to Python, Installation, ‘Hello World’, Libraries

Tues, June 13 Overview: Machine Learning Classification and Regression task

Wed, June 14 Preparing Data for ML task

Thurs, June 15 Run Simulations (Publicly avail Dataset)

Fri, June 16 Journal Club (Wang\_2023\_BMCBioinfo)

WK 3 Mon, June 19 SVMs, RF,

Tues, June 20 Manifold learning, Gaussian process

Wed, June 21 Run Simulations (Publicly avail Dataset)

Thurs, June 22 Run Simulations (Publicly avail Dataset)

Fri, June 23 Presentation on topic (5 mins)

WK 4 Mon, June 26 Reproduce results in Wang\_2023\_BMCBioinfo (Publicly avail Dataset)

Tues, June 27 Reproduce results in Wang\_2023\_BMCBioinfo (Publicly avail Dataset)

Wed, June 28 Reproduce results in Wang\_2023\_BMCBioinfo (Publicly avail Dataset)

Thurs, June 29 Reproduce results in Wang\_2023\_BMCBioinfo (Publicly avail Dataset)

Fri, June 30 Reproduce results in Wang\_2023\_BMCBioinfo (Publicly avail Dataset)

WK 5 Mon, July 3 Reproduce results in Wang\_2023\_BMCBioinfo (DID Bladder Cancer Dataset)

Tues, July 4 Holiday

Wed, July 5 Reproduce results in Wang\_2023\_BMCBioinfo (DID Bladder Cancer Dataset)

Thurs, July 6 Reproduce results in Wang\_2023\_BMCBioinfo (DID Bladder Cancer Dataset)

Fri, July 7 Reproduce results in Wang\_2023\_BMCBioinfo (DID Bladder Cancer Dataset)

WK 6 Mon, July 10

Tues, July 11

Wed, July 12

Thurs, July 13

Fri, July 14

WK 7 Mon, July 17 Prep for presentation

Tues, July 18 Prep for presentation

Wed, July 19 Prep for presentation

Thurs, July 20 Prep for presentation

Fri, July 21 Prep for presentation

WK 8 Mon, July 24

Tues, July 25

Wed, July 26

Thurs, July 27

Fri, July 28 Presentation