Sun'iy Intellekt fanidan qayta o'qish topshiriqlari.

1. AI nima? AI tarixi va evolyutsiyasi qanday bo'lgan? AIning kundalik hayotda qo'llaniladigan texnologiyalaridan qaysilarini bilasiz va ta'siri haqida fikrlaringizni og'zaki ifodalang. Sun'iy intellekt va tabiiy intellekt o'rtasidagi farq nima?

2. Har bir talaba o'zining ID raqamlaridan "Graph"(graf) yaratishi talab etiladi (ixtiyoriy turdagi graf). So'ngra ushbu graflarda Breadth-First Search(BFS), Depth-First Search (DFS) algoritmlarini qo'llasin va tushuntirsin. Dastur kodi talab qilinadi.

3. "Machine Learning" tushunchasini ta'riflang va uning turlarini farqlarini slide(presentatsiya) orqali tushuntiring (Supervised vs. Unsupervised Learning, Semi supervised, Reinforcement Learning). Computer Vision va NLP(Natural Language Processing)ni ta'riflang va ular ML ning qaysi turlaridan foydalanishi tushuntiring.

4. "TensorFlow.js" platformasi tarkibidagi Teachable Machine yordamida "Image Project" loyihasini har bir talaba o'zining tasviri orqali ishlatishi talab etiladi. So'ngra ushbu projectda tuzilgan modelni Export qilib o'zida ishlatib ko'rsin.

   Link: https://teachablemachine.withgoogle.com/train

5. Pastda jadval berilgan. Har bir talaba o'zining Id raqamini 10 bo'lingandagi qoldiqni olsin. So'ngra ushbu qoldiqqa teng bo'lgan tartib raqamli **"dataset"ni yuklab olib** unda **"Classification" va "Clustering"** amallarini bajarishi talab etiladi (dastur kodi orqali bajaring). Qoldiq 0(nol) ga teg bo'lsa demak 10-datasetda amallarni bajaring. Pastda berilgan Datasetlarni tushunishga harakat qiling. Har birining ichidagi "**Feature**" larni nomini ko'rsating.

Dataset tartib raqami	Dataset link

1	https://www.kaggle.com/datasets/adilshamim8/social-media-addiction-vs-relationships
2	https://www.kaggle.com/datasets/akashbommidi/2026-qs-world-university-rankings
3	https://www.kaggle.com/datasets/icebearogo/fruit-classification-dataset
4	https://www.kaggle.com/datasets/orvile/health-and-sleep-relation-2024
5	https://www.kaggle.com/datasets/kushalmanage/physics-teacher-jobs-linkedin
6	https://www.kaggle.com/datasets/ayeshasal89/ai-assistant-usage-in-student-life-synthetic
7	https://www.kaggle.com/datasets/adilshamim8/student-depression-dataset
8	https://www.kaggle.com/datasets/adilshamim8/google-stocks-historical-data
9	https://www.kaggle.com/datasets/therohithanand/student-academic-performance-dataset
10	https://www.kaggle.com/datasets/alpertemel/turkey-car-market-2020