# CHARTER
## of the
## SUBCOMMITTEE ON MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE, COMMITTEE ON TECHNOLOGY, NATIONAL SCIENCE AND TECHNOLOGY COUNCIL

### A.  Official Designation

The Subcommittee on Machine Learning and Artificial Intelligence (MLAI) is hereby established by action of the National Science and Technology Council (NSTC), Committee on Technology (COT).

### B.  Purpose and Scope

The purpose of the MLAI is to monitor the state of the art in machine learning and artificial intelligence (within the Federal Government, in the private sector, and internationally), to watch for the arrival of important technology milestones in the development of artificial intelligence, to coordinate the use of and foster the sharing of knowledge and best practices about machine learning and artificial intelligence by the Federal Government, and to consult in the development of Federal research and development priorities in machine learning and artificial intelligence. The MLAI's work will be unclassified; a separately created body, reporting to the MLAI, will perform classified work.

### C.  Functions

The functions of the MLAI are:
- To advise the COT, the NSTC, and other coordination bodies of the Executive Office of the President on policies, procedures, and plans for Federal efforts on machine learning and artificial intelligence;
- To coordinate the application of machine learning and artificial intelligence technologies in the operation of the Federal Government, and to share experiences and best practices across agencies;
- To support and advise the Network Information Technology Research and Development (NITRD) program's work on coordinating Federally funded networking and information technology research related to machine learning and artificial intelligence;
- To facilitate a strong, coordinated effort across Federal agencies to identify and address important science and technology policy issues related to machine learning and artificial intelligence as well as research, testing, standards, education, training, privacy, and outreach needs.
- To ensure that ML/AI is incorporated into Federal efforts to increase the diversity of the

STEM workforce.

- To publish, and to update periodically as appropriate thereafter, a strategic plan for unclassified ML/AI research and development, in consultation with NITRD and appropriate NITRD subgroups, including the Robotics and Intelligent Systems Interagency Working Group.

- To report annually to the Assistant to the President for Science and Technology, the White House Chief of Staff, the National Security Advisor, the Director of the National Economic Council, and other responsible officials on the status of unclassified ML/AI applications across the Federal Government, and the state of ML/AI development and practice in the private sector.

## D.     Membership

The following NSTC departments and agencies are represented on the MLAI:

Department of Commerce (Co-chair);
Department of Defense;
Department of Education;
Department of Energy;
Department of Health and Human Services;
Department of Homeland Security;
Department of Justice;
Department of Labor;
Department of State;
Department of Transportation;
Department of Treasury;
Department of Veterans Affairs;
United States Agency for International Development;
Central Intelligence Agency;
General Services Administration;
National Science Foundation;
National Security Agency;
Office of the Director of National Intelligence; and
Social Security Administration.

The following components of the Executive Office of the President shall also be represented on the MLAI:

Council of Economic Advisers;
Domestic Policy Council;
Office of Management and Budget;
Office of Science and Technology Policy (Co-chair);
Office of the Vice President;
National Economic Council; and
National Security Council.

Cooperating departments and agencies shall include such other Executive organizations, departments, and agencies as the COT Chair and/or MLAI Co-Chairs may designate, as appropriate. The MLAI will also strive to enhance the Federal research and development

enterprise by embracing diversity, recognizing that inclusion of a broad range of backgrounds and perspectives is critical to achieving robust intellectual dialogue.

## E.      Private-Sector Interface

The MLAI may consult the President's Council of Advisors on Science and Technology (PCAST) to secure appropriate private sector advice and will recommend to the COT and the Assistant to the President for Science and Technology the nature of additional private-sector[1] advice needed to accomplish its mission. The MLAI may also interact with and receive *ad hoc* advice from various private-sector groups consistent with the Federal Advisory Committee Act.
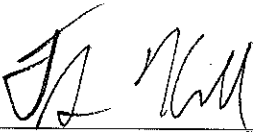
## F.      Termination Date

Unless renewed by the Chair(s) of the COT prior to its expiration, the MLAI shall terminate no later than July 31, 2017.

## G.      Determination

I hereby determine that the establishment of the MLAI is in the public interest in connection with the performance of duties imposed on the Executive Branch by law, and that such duties can best be performed through the advice and counsel of such a group.


Approved:

Tom Kalil, Deputy Director for Technology and Innovation
Office of Science and Technology Policy
Chair, NSTC Committee on Technology

May 6, 2016
Date

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[1] The Federal Advisory Committee Act, 5 U.S.C. App., as amended, does not explicitly define "private sector," but the phrase is generally understood to include individuals or entities outside the Federal government such as, but not limited to, the following: non-Federal sources, academia, State, local or Tribal governments, individual citizens, the public, non-governmental organizations, industry associations, and international bodies.