

# Data Science Plus Plus (DS++): The Definition

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**Abstract:** Data Science and Artificial Intelligence are popular fields of research. A significant contribution was made to Artificial Intelligence in the recent past by defining branches like “Artificial Intelligence Plus Plus (AI++)”, “The Interesting and Complete Artificial Intelligence (ICAI)”, “Out of the Box Artificial Intelligence (OBAI)”, “Twenty Second Century Artificial Intelligence (TSCAI)”. A similar significant contribution can be made to Data Science by defining branches like “Data Science Plus Plus (DS++)”, “The Interesting and Complete Data Science (ICDS)”, “Out of the Box Data Science (OBDS)”, “Twenty Second Century Data Science (TSCDS)”. This article is based on these research gaps. The primary focus of this work is to coin, define and invent a new Data Science field titled “Data Science Plus Plus (DS++)”.

**Keywords:** Data Science, DS, Data Science Plus Plus, DS++

## 1 Introduction

Articles [1] to [10] show the contribution of scientists and researchers to the field of Data Science. Recently “Artificial Intelligence Plus Plus (AI++)” was defined in literature. However, there is nothing like this in the field of Data Science. Hence in this article, the focus is to define a new area of research titled “Data Science Plus Plus (DS++)”. Section two defines Data Science Plus Plus (DS++) field. Conclusions are made in Section 3.

## 2 Definition of Data Science Plus Plus (DS++) Field

**1) Definition of Super Data Science (SDS):** All the Data Science algorithms which are designed by taking inspiration from Mothers, Fathers and other family members will belong to new field titled Super Data Science (SDS).

**2) Definition of Outstanding Data Science (ODS):** All the Data Science algorithms which are designed by taking inspiration from Friends, Teachers and Scientists will belong to new field titled Outstanding Data Science (ODS).

**3) Definition of Data Science Plus Plus (DS++):** Just like C++ programming language is the superset of C programming language. Similarly, Data Science Plus Plus (DS++) is the superset of Data Science (DS). DS++ contains Super Data Science (SDS) and Outstanding Data Science (ODS) in addition to Data Science. The new fields Super Data Science (SDS) and Outstanding Data Science (ODS) belong only to DS++ and not DS. Hence all Data Science algorithms belong to new field DS++. DS++ contains SDS and ODS in addition to Data Science.

### 3 Conclusions

A new field titled “Data Science Plus Plus (DS++)” is coined, invented and defined in this work by taking inspiration from recent progress in Artificial Intelligence field titled “Artificial Intelligence Plus Plus (AI++)”. The main point to be noted from this article is that there is something beyond Data Science and one part of that something is Data Science Plus Plus (DS++) which is defined in this article.

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