scala for spark in one slide

Spark is written in scala - no extra language API libraries or wrappers needed.

Runs on the Java Virtual Machine. Interoperates with JAVA and is converted to JAVA.

Integrated Object Oriented and Functional Programming
   Data is generally immutable (val). Great for spark programming model!
   Anonymous functions.

Statically Typed
   Types checked at compile-time.
   Convenient Type Inference for shorter code.

Implicit Type Conversion
   If a method is not found for your object, it will be converted to an object which does
   have that method. Example: RDD methods and PairRDD methods.

Case Class
   convenient Serializable object with override methods such as equals(), hash() and toString().

Can use in REPL/shell and Notebook (ie. Jupyter, Zeppelin, DBCE).