**NIST Big Data Public Working Group (NBD-PWG)**

**NBD-PWD-2015/M0457**

**Source: NBD-PWG**

**Status: Draft**

**Title: Note from Meeting of Oct. 20, 2015**

NIST Big Data PWG   
Meeting Notes 20151020

# Reviewed Version 1 suggestions from Ann

Ann – Questioning what is meant by “actionable” – “for the economy & public welfare (needed to ground the project, she thinks)

She is trying to define data science better

There was back and forth between Nancy and Ann on this.

Ann wanted to add linguistics as a key contributing specialization

Nancy: explained source of “actionable” from data mining. Nancy disputed whether there is a shifting notion of value.

Mark: Data -> cleansing -> Actionable – is that the processing cycle? Ann disputed it.

An interesting question arises: Where does value become associated with data? Is it the data consumer in the RA? Is there a processing or analytic step that assigns value?

Historical WG note: Recalling thread with IBM’s Kobielus August 2014

Jacob: Think we should take a stab at a definition (not sure I captured his full rationale.) We don’t define value, or need to . . .

Gregory: Tie to timeliness of value? (not sure) – Creates an unnecessarily strong constraint on the terminology to call for public value?

Nancy: About the time component – not fully addressed in V1.

I suggested a white paper might be better for some of the policy issues, as the WG is moving toward a deeper technical dive in phase 2. See email traffic on this subject.

# Future Wiki Notes

Recap of the value debate

What is a data scientist?

Some issues need to be addressed in the use cases vs. the exposition.

What connection to Open Data?

**Chat Log C:\underwood\gov\NIST\Big Data\meeting-20151020\ChatLog 2015\_10\_20 14\_11.rtf**

**Gregory Weidman (to Everyone)**: 1:16 PM: Why would we limit the uses of big data to "for the economy and public welfare"?

**Jacob Dilles (to Everyone)**: 1:16 PM: Entire red could be "obtain [knowlage to benifit] the economy and public welfare"

**shazri (to Everyone)**: 1:17 PM: Hi Ann and Nancy , please also considerer impact analysis after actions is/are taken

**Jacob Dilles (to Everyone)**: 1:21 PM: Or how about "create value from data"?

**Gregory Weidman (to Everyone)**: 1:22 PM: Thank you, Jacob.

**Gregory Weidman (to Everyone)**: 1:24 PM: I don't think it's useful to the US Government or industry in this context to define the value of big data technologies.

**Mark Underwood (to Everyone)**: 1:24 PM: There was an animated thread on this topic when IBM briefly participated

**Gregory Weidman (to Everyone)**: 1:25 PM: Rather, we need to ensure common terminology, paradigms, and best practices to achieve whatever value is desired by practicing organizations.

**shazri (to Everyone)**: 1:25 PM: In public health , e.g. they start by thinking the end in mind - behaviour change is influenced by level of knowledge, then they will mine what MO to improve level of knowlege

**shazri (to Everyone)**: 1:26 PM: To "prescribe", they will also find the most optimum way to do behaviour change

**Mark Underwood (to Everyone)**: 1:39 PM: Gregory - can u capture that notion briefly in the chat?

**Gregory Weidman (to Everyone)**: 1:40 PM: http://datatactics.blogspot.com/2013/10/what-is-big-data.html

**shazri (to Everyone)**: 1:40 PM: I agree with previous commenter - 1. contrast BI vs Big Data . 2. Impact analysis to justify

**shazri (to Everyone)**: 1:42 PM: BI: sweeping analytics which is not time sensitive vs Big data targeted analysis which is time sensitive ...

**shazri (to Everyone)**: 1:47 PM: with increase of variety of data...targeted analytics can be made easier

**shazri (to Everyone)**: 1:48 PM: which is harder to be done in BI

**shazri (to Everyone)**: 1:48 PM: in the 90's

**shazri (to Everyone)**: 1:55 PM: excactly....

**Gregory Weidman (to Everyone)**: 2:00 PM: Sorry. Have to go at 2pm.

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:03 PM: Still swapping out mike solutions....however in context to todays conversation......NIST does not determine the end result...however, it does offer up the best practices at this point in time......who do you trust.....The Dir. of Homeland Security via his AOL email account...the Dir. of the CIA and his email account......our close personal friends in the Middle East, the far East, the near East and the inbetween East.....(aka: Eur-Asia....).....in the end.....keep our info. data safe and secure....better than it currently is being maintained....in our personal and professional opinion.....Pw

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:06 PM: This can be accompliahshed via the use of a Block Chain strategy....of Genesis.....Encryption....Modification Tracking....and no way back......into the system after a change has taken place within the data....

**sharafudheen (to Everyone)**: 2:09 PM: apologies... I need to leave for family matters.. 9.00 PM here.. see u next week!

**sharafudheen (to Everyone)**: 2:11 PM: I can help you in configuring the wiki as I have some experience in editing contents and configuring it

**sharafudheen (to Everyone)**: 2:11 PM: I mean mediawiki

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:11 PM: Dear Mark: Be happy to.....help out....

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:11 PM: Take care...

**sharafudheen (to Everyone)**: 2:11 PM: bye

**shazri (to Everyone)**: 2:12 PM: Thanks everyone