Project* Status Report: [2167] Group 9-New York Citywide Payroll Visualization & Analysis

Project* Information

Client*	Sponsor	Program*	Category[A]*	Business Driver*	Priority Rank
Big Data Architecture & Managment Course	Heydari, Kam	Big Data Solutions	(none)	Business Driver?	TBD

Project Mgr*	Proj Heatmap	Prev Heatmap	Date Last Updated	Project* Start Date	Est. Completion Date	Target Deployment Date	Project* Status
Neelambari, Verma	Green	Green	04/19/2019		04/28/2019	04/18/2019	Approved

IMPACT

Enhancement to the existing Bus/Ops?	N	Current Process Improvement?	N	Service Improvement?	N		
Regulatory?	N	Enterprise Priority?	N	Strategic Initiative?	N	Available Funding	0.00
Cost of NOT Implementing	0.00	Total Expected Saving	0.00	Cost Saving?	N	Saving Years	0

STATUS REPORT

(04/18/2019) 1. Project has hit off the project planning to project execution 2. Data Architecture designed and appropriate tools chosen based on the requirements 3. Initial set up done and loading of data is completed 4. Exploratory Data Analysis in PowerBI.

(04/15/2019) 1. Project has hit off the project planning to project execution 2. Data Architecture designed and appropriate tools chosen based on the requirements 3. Initial set up done and loading of data is completed

PLANNING MANDATE DESCRIPTION

1. PURPOSE
The purpose of the project is to do analysis on the New York Citywide payroll with the help of visualizations

2. AUTHORITY RESPONSIBLE
Cost and resource can be managed by project manager and the stakeholders

3. BACKGROUND
This project is a complete project in itself. From loading the data into the Big data tool, creating visualizations and making an analysis with it it involves a lot of tasks

4. PROJECT OBJECTIVES
Main objectives is to study the pattern of
the citywide payroll and study the behavior

5. SCOPE
The data visualizations along with proper documentation on how it is created are the major deliverables. The insights can be drawn from the visualizations

6. CONSTRAINTS
Data set that is provided can be a constraint considering the level of cleaning and pre-processing to be done

7. INTERFACES
No interfaces to other projects. It is an individual project by itself

8. QUALITY EXPECTATIONS
Quality of the
visualizations depend on the user experience and on how much useful insights could be drawn that will help making a business decision

9. OUTLINE BUSINESS CASE
To find out the numerous job titles along with the pay, could be a good material for people looking for similar job and for job boards that provide information to job seekers

10. ASSOCIATED DOCUMENTS
Risk is that if the visualizations can still be altered with additional information collected later

MILESTONES/TASKS

TaskSeq	SDLC	Description	Assigned to	Type	Status	HeatMap	Start Date	End Date	%Complete
1	1-Initiation	Project Initiation	Neelambari, Verma	Analysis	Complete	Complete	04/08/2019	04/08/2019	100.00%
2	1-Initiation	Project Plan , Scope	Ranga Chari, Vinjamuri	Analysis	Complete	Complete	04/08/2019	04/08/2019	100.00%
3	1-Initiation	Functional Requirements	Suresh, Akshaya	Analysis	Complete	Complete	04/09/2019	04/10/2019	100.00%
4	1-Initiation	non-functional Requirements	Neelambari, Verma	Analysis	Complete	Complete	04/09/2019	04/10/2019	100.00%

5	2-Planning	Research about Nosql Databases	Luvesh, Tekchandani	Milestone	Complete	Complete	04/09/2019	04/10/2019	100.00%
6	2-Planning	Division and Work Task	Luvesh, Tekchandani	Next Steps	Complete	Complete	04/09/2019	04/10/2019	100.00%
7	2-Planning	Vendor/Tool Selection	Ranga Chari, Vinjamuri	Analysis	Complete	Complete	04/10/2019	04/10/2019	100.00%
8	2-Planning	Velero Timeline	Neelambari, Verma	Milestone	Complete	Complete	04/08/2019	04/18/2019	100.00%
9	2-Planning	Architecture review & Planning	Swagath, Varanchi Chandregowda	Analysis	Complete	Complete	04/10/2019	04/11/2019	100.00%
10	2-Planning	Checking the compatibility of MongoDB with PowerBI	Ranga Chari, Vinjamuri	Systems	Complete	Complete	04/10/2019	04/12/2019	100.00%
11	3-Execution	Installing Software and Tools	Suresh, Akshaya	Development	Complete	Complete	04/10/2019	04/12/2019	100.00%
12	3-Execution	Setup Test environment	Luvesh, Tekchandani	Development	Complete	Complete	04/11/2019	04/12/2019	100.00%
13	3-Execution	Master Test Plan	Neelambari, Verma	Development	Complete	Complete	04/09/2019	04/09/2019	100.00%
14	3-Execution	Data Cleaning	Ranga Chari, Vinjamuri	Next Steps	Complete	Complete	04/11/2019	04/12/2019	100.00%
15	3-Execution	Transformation & Load Process	Ranga Chari, Vinjamuri	Development	Complete	Complete	04/12/2019	04/12/2019	100.00%
16	3-Execution	Unit Testing and Analysis the Data	Luvesh, Tekchandani	QA	Complete	Complete	04/10/2019	04/15/2019	100.00%
17	3-Execution	User Acceptance Testing	Swagath, Varanchi Chandregowda	Systems	Complete	Complete	04/15/2019	04/17/2019	100.00%
18	3-Execution	Business Documentation	Suresh, Akshaya	Milestone	Complete	Complete	04/16/2019	04/18/2019	100.00%
19	3-Execution	Issues and Risks	Swagath, Varanchi Chandregowda	Analysis	Complete	Complete	04/15/2019	04/17/2019	100.00%
20	3-Execution	Data Documentation	Suresh, Akshaya	Development	Complete	Complete	04/15/2019	04/17/2019	100.00%
21	4-Controlling	Project Managment & Status Reporting	Suresh, Akshaya	Other	Complete	Complete	04/16/2019	04/18/2019	100.00%
22	4-Controlling	Training and Monitoring	Luvesh, Tekchandani	QA	Complete	Complete	04/16/2019	04/18/2019	100.00%
23	5-Closing	Implementation	Swagath, Varanchi Chandregowda	Milestone	Complete	Complete	04/17/2019	04/18/2019	100.00%
24	5-Closing	Post Implementation Support	Ranga Chari, Vinjamuri	Milestone	Complete	Complete	04/17/2019	04/18/2019	100.00%
25	5-Closing	Presentation Ready	Neelambari, Verma	Milestone	Complete	Complete	04/17/2019	04/18/2019	100.00%

U S A G E   S T A T U S (Duration in Days)

Estimated Hours	Actual Hours	Estimated Duration	Actual Duration		% Hours Used	% Duration Used	Days Remaining	Cal Heatmap		System Message
100	94	0	0		0.00%	0.00%	0			⊙ Data Not Defined: [Start Date]

P L A N N I N G   B U D G E T (Currrency:U.S. Dollar)

Hardware	Software	Consulting	Operations	Other	Total

0.00	34.00	0.00	0.00	0.00	**34.00**

RESOURCE REQUIREMENTS

(2019) Estimates

Department	Resource	FTE
NEU-COE2019 Fall - Big Data Course	Data Analyst	1.00
NEU-COE2019 Fall - Big Data Course	Data visualizers	1.00
NEU-COE2019 Fall - Big Data Course	Database Admin	1.00
NEU-COE2019 Fall - Big Data Course	Project Manager	1.00
NEU-COE2019 Fall - Big Data Course	Test Engineer	1.00

(2019) Actuals

Department	Resource	FTE
NEU-COE2019 Fall - Big Data Course	To Be Determined	0.63