**Current Project:** (Nov 2015-Till Date)

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| **Project Title** | PLATINUM/CENTURION Benefits Metrics |
| **Programming Languages** | **Pig, Hive, Sqoop** |
| **File System** | HDFS |
| **Scheduler** | CronTab |
| **Domain** | Usage Of Platinum and Centurion Benefits |
| **Contribution** | Developed Agg datasets for each benefits and its metrics in Hadoop Cluster |

**Project Description:**

Premium Benefits Project helps American Express Business team to visualize the usage behavior different Benefits applicable to PLATNIUM and CENTURION Credit Card Holders.

As a part of Hadoop development, I worked on analyzing below requirements Using Pig

* Using Pig Scripting I created many multiple Hadoop jobs for each Benefit
* Created comprehensive datasets for Various metrics across all benefits using Multiple intermediate Pig scripts
* Analyzed No. of enrollments, Lounge Visits, Travel Benefits usages , Airline Spendings, Membership rewards etc in terms of Month -over-Month.
* Tested each intermediate Pig script with hive queries and also validated the raw data and output with the help of hive queries.
* Scheduled all Pig scripts in CronTab.

**Previous Project:** (Jan 2015-Nov 2015)

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| **Project Title** | Marketing Tools RoadMap |
| **Programming Languages** | **Pig, Hive, SQOOP** |
| **File System** | HDFS |
| **Scheduler** | CronTab |
| **Domain** | Credit Cards Analysis in Banking Sector |
| **Contribution** | Developed a Report for credit card campaign analysis |

**Project Description:**

American Express Market team wants to know analyze the credit card campaigns that they launched recently. They wanted to know how each card members of each campaign is behaving before the campaign and after the campaign. We took the campaign history information and created a report that shows the performance behavior of card holder.

As a part of Hadoop development, I worked on analyzing below requirements Using Pig

* Using Pig Scripting I created many multiple Hadoop jobs for each campaign.
* Analyzing the Number of users enrolled during the myca enrollment and MR enrollment
* Analyzing the Spend and payment history paid by each customer for basic and Supp card.
* Coordinated with other functional teams for development of code and program solutions with Hadoop architecture. Formulated procedures for tuning and planning of infrastructure components for resource management.
* Participated in installation, updating and maintenance of Hadoop Cluster.
* Automated processes of existing batch jobs into Hadoop jobs.
* Worked with TABLEAU team to ensure the goal of visualization is achieved for Our Metrics.