

Dallas SQA Metric Items From FPA Spreadsheet - October 2019

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Abstract

Presentation of First Pass Acceptance of SLC documentation. This is derived from the Excel workbook that Software Quality Assurance collected called “First Pass Acceptance.xlsx”. This is for the month of October 2019 . ¹

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1 Introduction

The data is processed using R², version 3.6.1 named “Action of the Toes” . The only extension (package or library) utilized is lubridate (version 1.7.4) to provide key functionality in the processing of dates.

The data is read into R from a comma seperated value (csv) file which is derived (saved) from the spreadsheet without modification. Additional values that are needed are are computed in R as needed.

This report is prepared in the R enviroment using a collection of packages know as Sweave that included knitr which in turn feeds the package into L^AT_EX 2_ε a typesetting program to produce a PDF file. L^AT_EX 2_ε in implented in MiT_EX. L^AT_EX 2_ε is utilizing the folowing packages to control style and formating:

- datetime and

¹Date Ran: Friday 1st November, 2019 at 11:12

²RStudio is utilized as an IDE

- multicol
- hyperref
- xcolor

2 First Pass Acceptance Results

For the Month of October 2019 the follow are the First Pass Acceptance Metrics results

Projects Started 7

Projects Completed 1

Items Reviewed 184

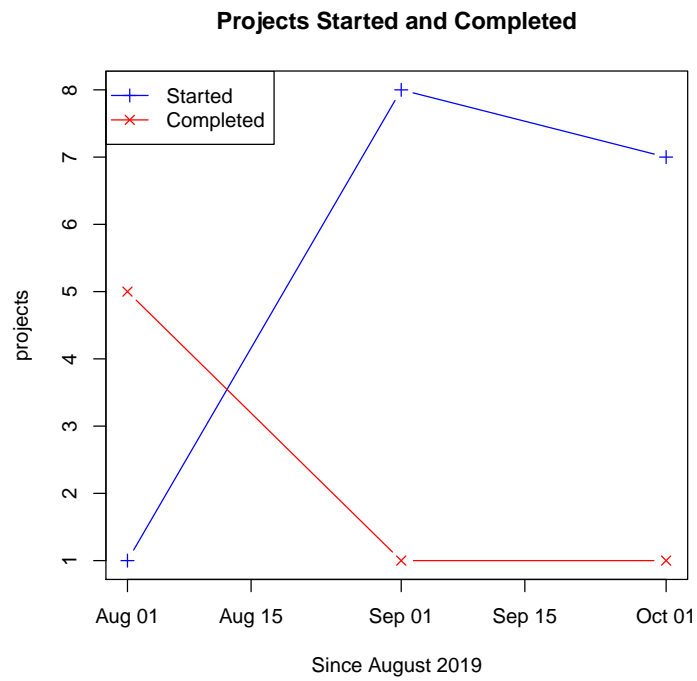
Items Rejected 86

First Pass Acceptance Rate 14.1 %

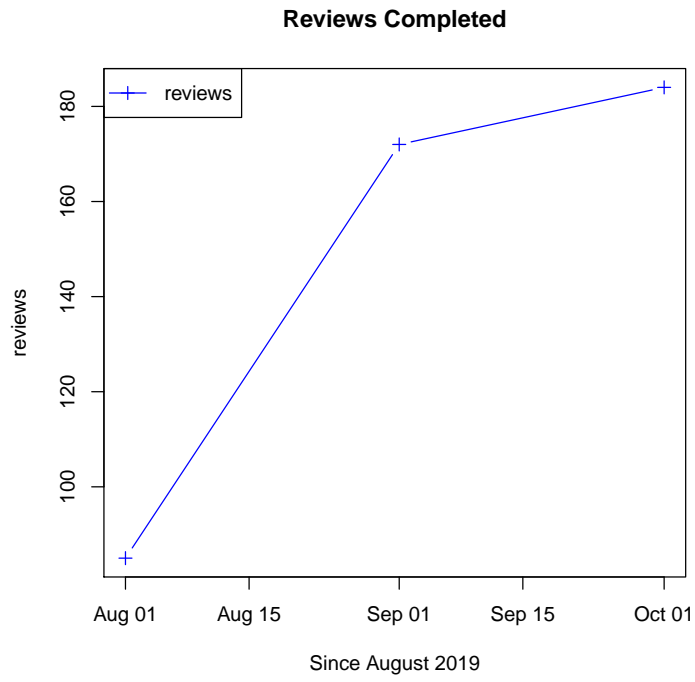
Rejection Rate 46.7 %

3 Trending Graphs

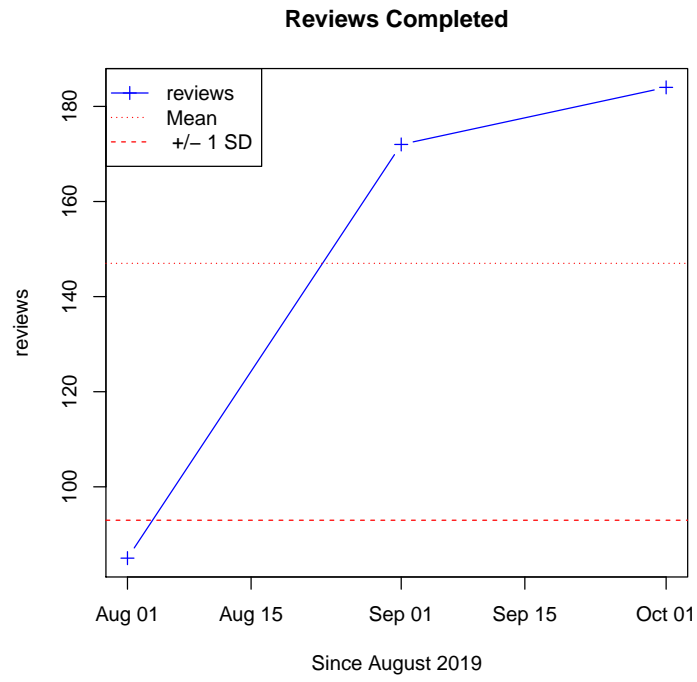
3.1 Projects Started and Completed



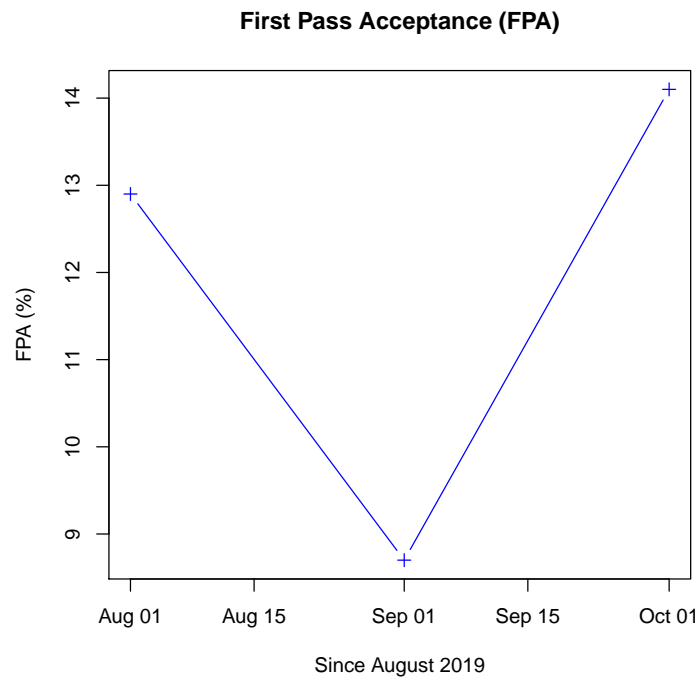
3.2 Reviews Completed



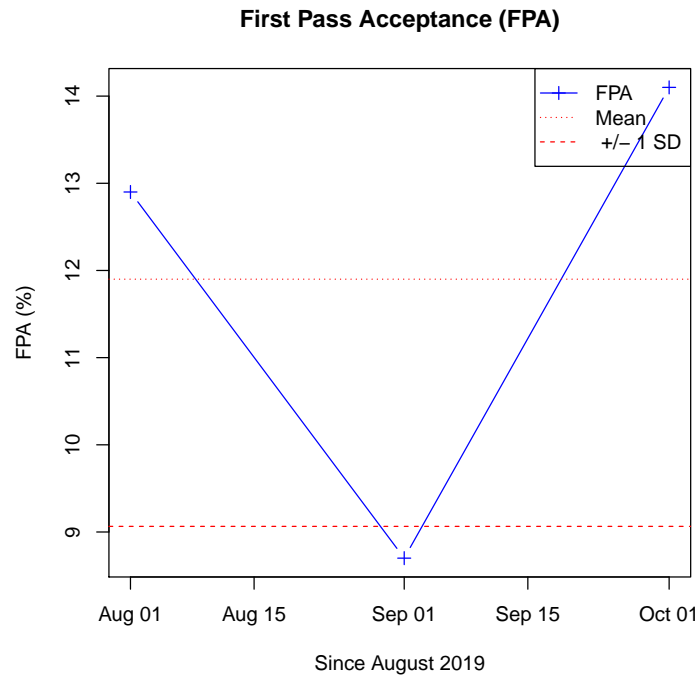
3.3 Reviews Completed with Control Lines



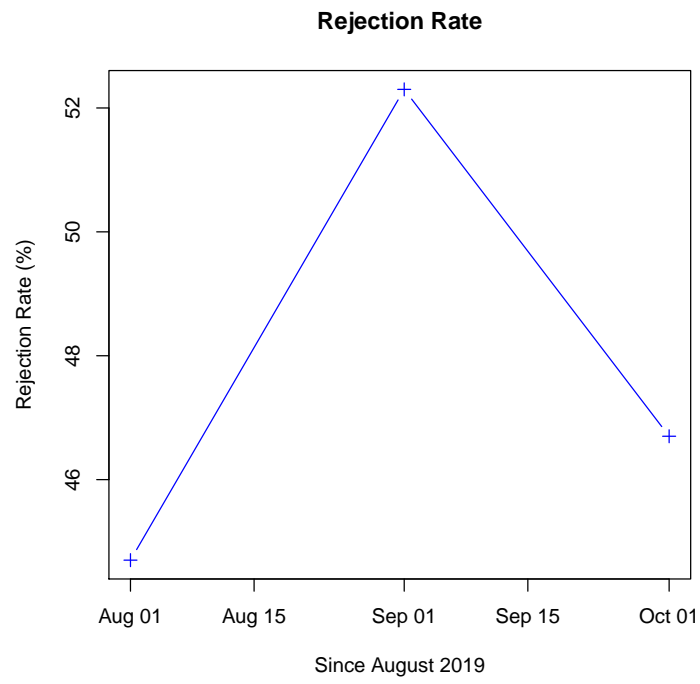
3.4 First Pass Acceptance



3.5 First Pass Acceptance with Control Lines



3.6 Rejection Rate



3.7 Rejection Rate with Control Lines

