# Mantej Singh Dhanjal

#### Business Intelligence Analyst | Data Analyst

Having 3+ years of analytical experience with data extraction techniques and applications, functional knowledge of data reporting/analysis tools and Business Intelligence tools in Manufacturing and Retail domains. Exposure to various tools: Informatica 9.1, Oracle SQL, Tableau, Spreadsheet, R and Python(PANDAS).



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## **Work Experience**

## Alpha IT Partners Cost Analyst

12/2016 - Present

New York, US

- Responsible for performing and checking regularly scheduled tasks such as usage processing, generating customer bills, and troubleshooting any issues that arise.
- · Executing manual operations and monitoring the performance of automated tasks in the billing systems.
- Assisting in compiling data for financial, marketing, taxing, and regulatory reporting.

#### Bluefly

#### **Business Intelligence Analyst Intern**

- Social Media Analyzer: Developed a program in Rstudio using R to gather, analyze and find trends in the Bluefly's unstructured user's comments on Twitter & Facebook, gave 10 tips on how Bluefly can use Social Media for lead generation and boost sales
- Wrote complex SQL queries to get relevant data for analysis from customer's feedback, Sale, and Stock datasets
- Implemented Joins, Data Blending, Custom SQL in Tableau, created dashboards & pivots in Tableau and Excel
- Environment: Tableau Desktop, Excel, SQL Developer. R studio, Python, Google Analytics & Google Trends

#### **Accenture**

### Associate Software Engineer/BI Developer

11/2013 - 07/2015

Mumbai, India

- Build dashboards, automated reports, and ad hoc reports based on agile business requirements
- Contributed reports (Pivots) in Excel used advance SQL and functions like VLOOKUP, INDEX + MATCH, SUMIFS
- Developed and overhauled ETL mappings and mapplets to extract data from source systems into the Staging area
- Automated SQL queries, fetched data directly from the Informatica repository and listed output as succeeded, failed, long running jobs saved overall production time by 2+ hours
- Environment: Informatica Power Center 9.1, SQL, QlikView, Crontabs, OBIEE, BO, Toad 10.5, Control M

#### **Education**

Master's Degree- Computer Science

New Jersey Institute of Technology, US. 09/2015 - 08/2016

#### **Bachelor's Degree-Information Technology**

University of Mumbai, India. 05/2010 - 06/2013

## **Certification**

## Google Analytics Individual Qualification

03/2017 - 09/2017



#### Skills & Competences



## **Achievements**

Initiated and delivered ad-hoc requests on behalf of the Business Intelligence team to VMWare Inc.

01/2014 - 12/2014

Slashed production time by 2+ hours using automated queries, saved over 200 man-hours per month. 05/2014 - 08/2014

Lifted the profit margins by 12% for VMware Inc (Q3 2014), eliminated costly services. 07/2014 - 10/2014

## **Projects**

#### Social Media Analyzer | R 06/2016 - 07/2016

Sentiment analysis over Twitter API using R.

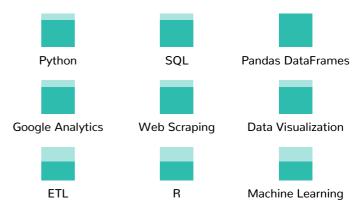
#### ETL Pipeline | Python 07/2016 - 08/2016

Python code to extract, clean & dump the data with email notification using Pandas.

#### Web Scraping Project | Python 12/2016 - 01/2017

Crawled the data to parse person's name, email address, and net worth, generated report from it using BeautifulSoup, Pandas, RE, NLTK and D3 API.

## **Programming**



#### Interests

Data Science | Data Analysis | Data Visualization | SQL