

A black and white photograph showing a close-up of a person's hands typing on a laptop keyboard. The laptop screen is visible, showing some code or data. The background is blurred, suggesting an office environment.

TechMcbius



# CASE STUDY

# DATA SERVICES

## 1 DATA COLLECTION & INGESTION

UDP is a platform, that allows customer to collect, import, load, transfer, integrate & process data from wide range of data sources for any use case. UDP helps to store data in an effective & efficient manner. It facilities the data extraction process from various sources like Word, Web URL, report document PDFs, flyer images.

## 2 DATA CLEANSING SERVICES

Our data cleansing services optimize the quality and accuracy of data, which includes reconciling duplicate entries, standardizing data, updating out-of-business records, validating information etc. helps anyone to understand what is missing and what is outdated. We assist the business owners with the constant and regular cleansing of data in order to achieve objectives, improve communications and customer services. We not only channelize databases, but also increases the ROI of marketing activities by optimizing the potency of databases.

## 3 DATA ENRICHMENT SERVICES

UDP refers to set of processes to enhance refine and improve raw data so as to convert it into a valuable asset for the business. It transforms data to intelligence & ensures that the business owners get benefit from the data they have.

## 4

# DATA PROCESSING SERVICES

UDP helps the business owners with formatting, modification, classification, replacement, organizing, correction, and deletion of data collected from multiple channels of data fields.

## Data standardization:

- \* Identify and remove duplicate records
- \* Segregate/ Classify data Identification of the key variables alongside the existing database

## Data normalization:

- \* Suggest new variables for enrichment of the database
- \* Address the data cleansing process

## Data Enrichment

- \* Add any missed details to enrich the database
- \* Suppression of any information against the current data
- \* Tagging invalid records post manual review

## 5

# DATA AUDITING SERVICES

UDP ensures data hygiene by conducting constant pre-configured automated validation checks.



# USE CASE BY INDUSTRY

## — FINANCIAL USE CASE:

For financial firms, data is the most important resource. Therefore, efficient data management is a key to business success. Today, there is a massive volume of financial data and diversity in structure. Financial specialists often have to work with semi-structured or unstructured data and there is a big challenge to process it manually.

UDP helps to transform data into information by smarter data governance and better business solutions, and as a result increases profitability. It can analyse the influence of some specific financial trends and market developments by learning from customers historical financial data. Finally, these techniques can be used to generate automated reports. Enormous amounts of data can be stored, analysed, calculated and interpreted without explicit programming.

As a team, we always make sure that clean and thoroughly updated status for the project with regards to the complexity and volume.

## BUSINESS CHALLENGE

As the volume of input to process & database maintenance is high, manual verification Team was not able to handle the increase in volume, which led to lower quality processing and affected productivity. Preparing various reports to analyze the Productivity & Quality is more time consuming.



# USE CASE BY INDUSTRY

## APPROACH

UDP, efficiently manage and cleanse the customer records, in order to assure that each data point is error-free, appropriately formatted, meaningful, and updated with the current data flow. Our process for data cleansing is accurate in terms of fixing the invalidity of any data like Address, email address, zip codes, Phone, Fax etc.

## QUERY RESOLVING

UDP has provision to raise Query to Team Leader & they do resolve the queries online across various location.

## QUALITY ASSURANCE

UDP has a dedicated Quality Team PEG, to certify the data before delivery.PEG follow various sampling methodology like Random, Stratified, Manual sampling & audit the data. Depends upon the pattern identification & error identification the records will be moved to Sample or Batch rework.

## REBUTTAL FLOW

It has multiple rebuttal flow that can be customized as per client requirement.

## CUSTOMIZED REPORT GENERATOR

Different types of reports can be exported like Export delivery report, QA Review report, Agent wise quality report, Productivity report etc., any type of reports can be customized & exported / transferred to any database from UDP.



# USE CASE BY INDUSTRY

## VENDOR SUPPORT

UDP provides vendor support such as maintenance, training, management & data integration at different locations.

## RESULT

- Maximized efficiency of productivity
- Completed the work within turnaround time
- Achieved the agreed quality on most processes
- Increase efficiencies on client side due to effective turnaround time



# USE CASE BY INDUSTRY

## — REAL ESTATE USE CASE:

Abstraction of leases is a fundamental part of the real estate industry; the client provides access to lease documents, rent roll, and additional information. Prepare missing document report and share with the client. Upon receipt of all documents, translate the non-English documents & start the abstraction of leases. All abstracts to be reviewed by senior lease abstraction project leads. Completed abstracts are delivered by email or through secure server access. Unlimited revisions and support provided for 2 weeks post-delivery of the project.

### BUSINESS CHALLENGE

The challenges that are faced during the lease abstraction is due to the fact that, there is no consistent process or processes that are laid down for the abstractor to follow during lease abstraction. Either no system or too many systems that creates confusion to the abstractors. Regular Training of the abstractors with new updates is a challenge to maintain the quality. Keeping in pace with new lease accounting / calculation requirements again poses a challenge for those doing abstraction. Resource constraint, document & data management, Quality control is also a challenge.

### APPROACH

As there are too much financial data that needs to be abstracted from the lease document, excel templates are now considered outdated helps in managing leases and in calculating the capitalized value for the financial statements. UDP helps the abstractor for classification and extraction of lease data attributes from documents, it helps to translate



# USE CASE BY INDUSTRY

the non-English documents online, abstract data, identify relevant clauses & reduce manual review and data extraction time to free up Teams to assist in particularly complex areas. It helps in tracking of all lease data and supporting documentation, including contacts, clauses and locations; repository for purchase orders, Master Lease Agreements, subleases, emails, notes and comments. It tracks landlords, tenants, brokers, attorneys and property managers details involved with each property. Role-Based Access – Configure roles to ensure that users have access only to the appropriate functionality and data

## RESULT

### ACCURACY:

UDP automated abstraction process eliminates error-prone, manual data entry while also helping to identify and eliminate data discrepancies.

### EFFICIENCY:

UDP speeds up lease extraction processes by 50% to 75%, enabling employees to spend more time doing more strategic, higher-value tasks.

### COST SAVINGS:

UDP reduces manual abstraction costs by up to 50% and identifies opportunities for cost savings and increased revenue that go unnoticed.

- Decreased delivery risks
- Improved compliance
- Better inventory management
- Improved application integration
- Enhanced user support
- Multi-tasking support
- Better auditing
- Optimized operational costs



# USE CASE BY INDUSTRY

## — RESUME SOURCING USE CASE:

Sourcing is the process of finding resumes within the recruitment process. Recruiters, both third party and corporate, need to find qualified candidates for their open job orders, oftentimes with very unique or niche work experience. Sourcing is the initial part of recruiting, finding the candidates through a variety of methods. Effective sourcing, therefore, requires a much deeper understanding of the industry and job order that they are working on than simply looking at clusters of resume keywords. To source candidates productively, an experienced sourcing professional knows the best places to look for great talent and the kind of experience to look for in individual resumes.

### BUSINESS CHALLENGE

Recruiting talent in different countries and in different languages presents a very difficult challenge for any talent acquisition team. You can imagine that recruiting professionals would not know where to begin to find talent overseas in a market that they do not understand. Because of factors contributing to increased complexity in sourcing, the trend of specialization within the recruiting function continues unabated.

### APPROACH

Through our UDP, we match the client required resume's keywords & provide the exclusively matched resumes to our clients. UDP empower recruiters to work more efficiently and make better decisions at a faster pace by extracting the required Skill set, Educational, personal, work experience & other recruiter required details for screening.



# USE CASE BY INDUSTRY

## RESULT

### INCREASE PRODUCTIVITY:

It improves the quality of a company's hiring efforts. It allows recruiters to hire candidates based on characteristics predictive for job success.

### IMPROVE QUALITY OF HIRE:

UDP also leads to more consistent hiring decisions, as it removes many variables that are not predictive for job performance.

### INCREASE DIVERSITY:

By using UDP for screening, assessing, and ranking candidates, it will remove any common hiring biases and ensure the process remains completely objective.

### REDUCE TIME TO HIRE:

UPD reduces the time for candidate pre-screening, nurturing, and assessments, it will greatly reduce the overall time to hire and provide a more positive hiring experience in the process.



# USE CASE BY INDUSTRY

## — BIOGRAPHY USE CASE:

Data has become a major priority for businesses of all sizes. As technologies that capture and analyze data proliferate, so too do businesses abilities to contextualize data and draw new insights from it. Extracting Address, phone, fax, email addresses & other Personnel details are used in a wide range. Contact details is a focus area all its own. From consumer behaviour to predictive analytics, companies regularly capture, store and analyze large amounts of data on their consumer base every day. Some companies have even built an entire business model around consumer data, whether they create targeted ads or sell to a third party. Customer data is big business.

### BUSINESS CHALLENGE

Capturing large amounts of data creates the problem of how to sort through and analyze all that data. No human can reasonably sit down and read through line after line of contact data all day long, and even if they could, they probably wouldn't make much of a dent. Classifying & validating the contacts are challenging task.

### APPROACH

UDP helps in extracting the contact details from various approved source, based on customer strategy classify the valid contacts & helps in validating the extracted contact details. It helps to store large volume of data. UPD has in build OCR and document conversion solutions, extract contact details from scanned & image documents. Transform files into editable documents and manage them more effectively. Save time, increase productivity and get details



# USE CASE BY INDUSTRY

extracted for validation. The web URL extraction by enterprise level scrapping and data transformation orchestrator helps to scrap millions of data points without ip blocking and captcha blocking. The data preparation process helps to transform the unstructured data to structured data of user need.

## RESULT

### DATA ENRICHMENT:

UPD extracts data from various sources, enrich data provide more reliable information to the customer.

### INCREASE MONEY:

Enriched data will increase the value of customer data & helps to yield more money during business.

### INCREASE STORAGE CAPACITY:

UPD provides increased storage capacity, where customer can store large volume of contact details & use it whenever required.



# USE CASE BY INDUSTRY

## — EMAIL PARSING USE CASE:

Extracting email content is used across shipping industry. The shipment & vessel details are used in tracking the ship in logistics. Characteristics such as capacity, dimensions, management and ownership, classification, engine, equipment, yard and build information delivered in multiple formats in the shipment email which helps the customer to track the ship.

### **BUSINESS CHALLENGE**

Each & every shipment email will be in different format and unstructured. The data extraction will be more difficult to do manually. Email classification & extraction are two major tasks in Email parsing

### **APPROACH**

UDP helps to extract data from emails. It pulls specific data fields from emails. By doing this they allow you to convert an unstructured email into easy-to-handle structured data. Classify the email as shipping or order.



# USE CASE BY INDUSTRY

## RESULT

### PROCESS CUSTOMER REQUESTS RECEIVED BY EMAIL:

UPD helps in handling customer requests rather than manually feeding every email into their tracking tool.

### EXTRACT DATA FROM AUTOMATED REPORTS:

UPD generates automated reports & helps in tracking & giving alerts on the shipment.

### MANAGE INVOICE INQUIRIES:

Download & exporting the extracted data as csv or pdf files helps customer to reply & manage the invoice inquiries related to shipment & order.

### HANDLE ACCOMMODATION:

UPD extracted data helps customer to handle the accommodation proactively.