Data Driven Insights

Organisations are looking to drive better decisions through data analytics. At PwC, we have developed a suite of applications that can accelerate your digital journey in a cost effective manner.

Our approach is business driven, combining our industry insights with leading technology to give you the best combination of man and machine.

Through data driven insights, organisations are able to:

Reduce risks and errors.

Enhance planning and analysis.

Fuel growth and agility.

Increase visibility of operations.

Drive efficiency across all functions

Standard and tailored solutions

Some examples of our standard applications, which are quick to deploy and cost-effective:

Financial Processes Analyser

The Financial Processes Analyser is equipped with full Continuous Controls Monitoring (CCM) capabilities - workflow, exception management and reporting, enabling executives to form insights that drive business impact.
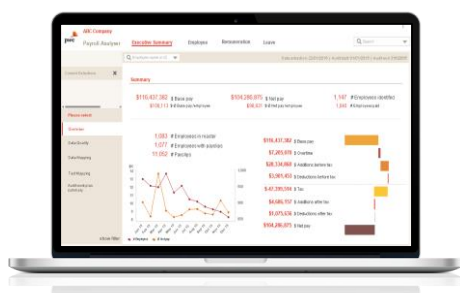
Payroll Analyser

The Payroll Analyser enables organisations to understand their pay spend by analysing and providing data insights across a range of areas including salary management, total reward spend, pay and performance alignment and diversity.

Employee Expense Analyser

Through a variety of insights and tests, the Employee Expense Analyser lets you discover trends and patterns within the expense population of your organisation.
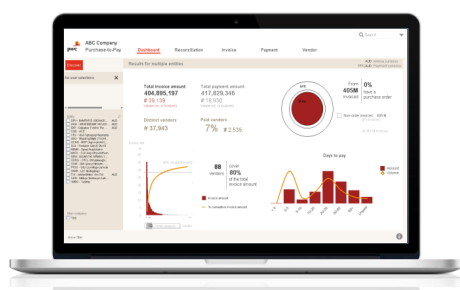
Purchase to Pay Analyser

Analyse your organisation's invoice, payment, purchase order and vendor data to gain insights that allow for clearer and more insightful decision-making at all levels.

Find out more about how your organisation can extract value from data by utilising solutions that aid in the quest for digital transformation.

Financial Processes Analyser

Financial Processes Analyser shortens the distance between insight and value by accessing more timely, organised and relevant data thereby enabling time to be spent where it matters – forming insights that drive business impact.
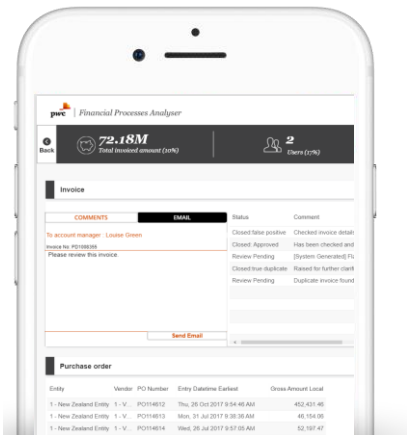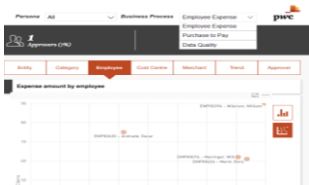
Keep one step ahead

Update status and input comments on exceptions for real time reporting on the database. Dashboards track status of exceptions with drill through to the granular level.

A workflow system with in-built email system simplifies follow up action.

Anticipate and act upon findings

Some of the key features:

100% data navigation across key financial processes in one integrated application.

Automated 24/7 data testing provides a summary for your review and action as soon as you log back in.

Transaction flow – trace from purchase order to payment.

Analyse vendor payments to employee bank accounts using approval mapping to highlight segregation of duties.

Gain an assessment of the quality of your data through different dimensions.

Q&A virtual analyst answers questions using intuitive natural language capabilities. Receive answers in the form of charts and graphs.

Make informed decisions

The interactive visualisation within the dashboard allows for deeper analysis which helps with clearer and more insightful decision-making at all levels.

Sample prebuilt tests or reports

Purchase to Pay
- Payments profile
- Purchase and invoice analysis
- Privacy analysis
- Credit notes analysis
- Anti-bribery

Employee Expenses
- Spending habits
- Expense by approval path
- Keyword search including capex
- Expense by cost centre
- Similar expense claimed through multiple channels

Data Quality
- Data quality assessment

Prebuilt Reporting
- Employee spend behaviour patterns
- Vendor performance summary

Payroll Analyser

The payroll analyser transforms employee payslips, bank transfer files and HR master data into meaningful insights that can be used to address business risks as well as provide insights to drive future workforce strategy.
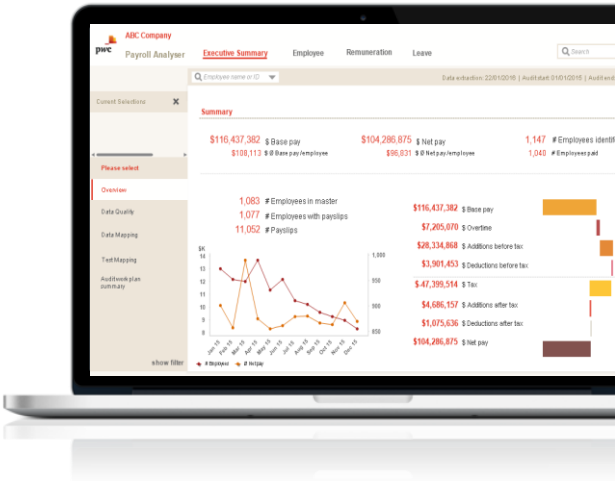
Managing demands

Businesses are increasingly being asked to do more with less on their reward spend.

To manage these demands, organisations would benefit from having access to a data driven, visual overview of their pay and performance processes, as well as any anomalies and risks.

Reimagining payroll

Some of the key features let you:

Mine and explore 100% of payslips, HR and EFT data, inc. drilling down to individual payslips.

Profile overtime vs base pay across the entire workforce by entity, department, title & date.

Compare payslip and HR master data to identify employees paid after their termination date.

Examine gender pay equity and explore imbalance by grade, department or position.

Explore trends to identify areas for improvement such as, paycode by month.

Drill down from a high level overview into an individual payslip.

Make informed decisions

The interactive visualisation within the dashboard allows for deeper analysis which helps with clearer and more insightful decision-making at all levels.

Sample prebuilt tests

Payslips	Employee master data	Leave
● Duplicate payslip line items	● Employee summary	● Leave type
● Identify payments made to terminated employees	● Employee age profile	● Annual leave vs. sick leave
● Employee with one payslip	● Employee with missing master data	● Annual leave more than 20 days
● Multiple payslips	● Invalid name or BSB	
● Overtime analysis		
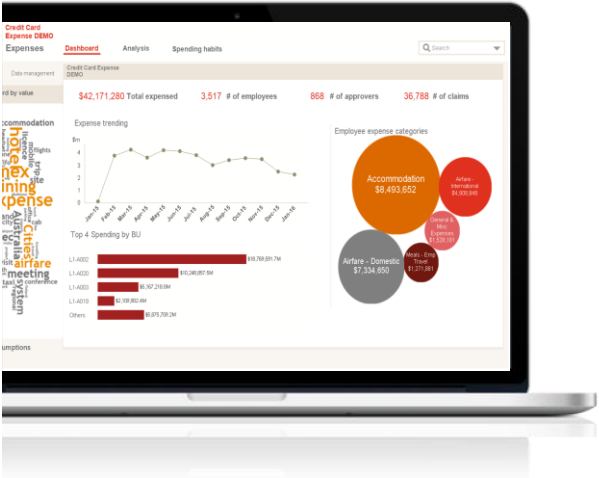
Employee Expense Analyser

This analyser brings together datasets such as the employee master data and expense transactions to be explored in one place. This provides a unique capability to understand expense trends across your organisation.

Increase visibility

Expense abuse is an ever present and very real threat, both in terms of potential financial loss and reputational damage to a firm.
Well-defined policies and good controls can be insufficient on their own.
Organisations need to adopt a robust attitude to detect fraud and provide a deterrent against it. The employee expense analyser adds transparency to the process.

Gain control over expenses

Some of the key features let you:

Summary Dashboards show expense claim trends, categories, including word clouds.

Group claims by keywords eg. Airfare-Domestic, gifts, drinks.

Spending habits by employee, category, month.

Prebuilt tests including duplicate expenses.

Drill down to visualise claims at the lowest level (line items)

Search for any text in the data for fast answers on instances in claims, eg. Uber.

Insights and tests include:

- Claim Profile
- Benford's Law
- Activities & Currency Profile
- Tenure Spend
- Duration Profile
- Claims in Advance
- Pre-termination Activities
- Potential Duplicate Expenses

- Cash claims with no vendor
- Keyword Search
- Expenses incurred at the weekend
- Claims made before the start date
- Claims made after termination
- Cross Department Approval
- Pre-termination activities

- Spending habits
- Expenses by cost centre
- Expenses by Merchant
- Expenses by month
- Expenses by approver
- Expenses by category
- Expenses by employee
- Expenses by Approval Path

Purchase to Pay Analyser

Analyse your organisation's invoice, payment, purchase order and vendor data to identify unusual spending patterns, monitor compliance and explore individual transactions.

Simplify cost management

As supply chains globalise, procurement teams are being challenged to manage increased complexity and risk, while looking at effective cost saving measures. Organisations need the capability to capture and analyse internal and external data to create insight that allows them to proactively manage cost, quality, compliance and risk.

Strategic functionalities

Some of the key features let you:

Summary Dashboards show summary statistics over 100% of the population.

View reconciliation results between General Ledger and Sub Ledger transactions.

Perform Tests for specific parameters (including duplicate invoices and payments to an invalid vendor)

Drill down to filter on a number of dimensions right down to individual transactions.

Explore trends to identify areas for improvement such as, PO processing, invoice and payment timelines.
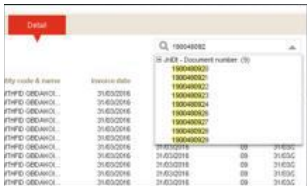
Search any field in the data, identify data quality issues (blank fields and/or duplicate entries)

Sample prebuilt tests

Invoices

- Vendors with single invoice
- Round dollar invoices
- Non-Business hours invoices
- One-time vendor invoices
- #Days from invoice document and processing date
- #Days from invoice document and PO creation date
- #Days from invoice document and posting date
- Postings after year end compared to the average postings before year end
- Duplicate Invoices

Payments

- Bank Acc. not in vendor master
- Payment to blocked vendor
- Payment made before invoice date
- Non-business hours payment
- #Days from payment due date and payment date
- Round dollar payments

Vendor

- Vendor spend by category
- Duplicate Bank Acc.
- Blocked vendor
- Invalid ABN