**Knack Reports and Analysis**

Knack is cloud-based database management portal software that allows companies to build online databases that can be accessed remotely. Key features include an application builder, customization tools, reporting and analytics, an open API and payment processing.

Knack enables users to build their own workflow solutions or use customizable templates available within the software. It has a variety of templates including a customer portal, job portal, inventory manager, donations manager, customer relationship manager, project manager, events calendar, job listing, product catalog and more. Users can add forms, maps, tables, e-commerce features, calendars and searches to their portal.

Monthly pricing plans are available. Support is offered through email, chat, over the phone, via Skype and through a support portal.

Some knack functionalities includes the following:

* App building on the backend AND front end. You create your data modules, decide your schema, then decide how it shows up to the users. Set your logins, set the access levels, etc. It's amazing.
* It's extremely easy. Once you get the hang of it, you can make nice looking apps in little time.
* The API is very easy to use and powerful. We us it to build special CMS apps that allow our customers to update content on large interactive touch screens. The data is always reliable.
* The app is responsive, so users can can access public or their private data from mobile devices. It opens up many possibilities for businesses to use this as a CRM, CMS, Accounting, or even a field-service database.
* The in-app support through the chat is great. Staff members are responsive and helpful.

1. Scalability: As your business grows, so too can your Knack applications. You can easily add more users, data, or features as needed without having to worry about infrastructure limitations. Knack also offers various plans that allow you to scale up or down based on your needs.

**Cloud Infrastructure**: Knack is built on a scalable cloud infrastructure that can handle growing amounts of data and user traffic. It uses cloud services like Amazon Web Services (AWS) to provide a robust backend.

**Auto-Scaling**: Automatically adjusts resources based on demand, ensuring consistent performance as usage increases.

**Database Sharding**: Distributes data across multiple servers to maintain performance and manage large datasets.

2. Customization: With Knack's drag-and-drop interface, you can customize the look and feel of your applications to match your brand identity. Additionally, you can modify workflows, forms, reports, and other elements to fit your specific use case.

**Drag-and-Drop Interface**: Allows users to create custom applications by dragging and dropping components like forms, tables, and buttons.

**Custom Workflows**: Users can define custom workflows to automate business processes, including conditional logic and multi-step actions.

**Custom Branding**: Supports custom branding, allowing users to match the application's look and feel with their company’s branding.

**JavaScript Integration**: Advanced users can inject custom JavaScript to extend functionality beyond what is available out-of-the-box.

3. Integration: Knack integrates with popular third-party tools such as Slack, Google Sheets, Zapier, and Mailchimp. This allows you to automate tasks, sync data between platforms, and streamline processes across different systems.

**API Access**: Provides a robust REST API, allowing integration with other applications and services for data exchange and automation.

**Zapier Integration**: Integrates with Zapier, enabling connections to thousands of other apps without coding.

**Webhooks**: Supports webhooks for real-time data exchange, enabling event-driven integrations.

**Pre-Built Connectors**: Offers pre-built connectors for popular services like Google Sheets, Mailchimp, and QuickBooks.

4. Support: Knack provides comprehensive support resources, including documentation, tutorial videos, and an active community forum. If you encounter any issues, you can reach out to their customer success team via email or live chat during business hours.

5. Security: Knack takes security seriously by offering features like two-factor authentication, single sign-on (SSO), and encryption. They are SOC 2 Type I certified, which means they adhere to strict security protocols when handling sensitive information.  
  
**Data Encryption**: Uses SSL/TLS for data encryption in transit and AES-256 encryption for data at rest.

**Access Control**: Role-based access control (RBAC) to manage user permissions and ensure data security.

**User Authentication**: Supports various authentication methods including single sign-on (SSO) and multi-factor authentication (MFA).

**Compliance**: Adheres to industry standards and regulations like GDPR, HIPAA, and SOC 2 for data protection and privacy.

6. Ease of Reporting: Generating reports in Knack is straightforward thanks to its built-in reporting tool. You can create customized reports using filters, groupings, and charts to visualize your data. These reports can be exported in multiple formats, making it easy to share insights with stakeholders.  
  
**Custom Reports**: Users can create custom reports using filters, groupings, and aggregations.

**Data Visualization**: Provides tools for creating charts, graphs, and dashboards to visualize data insights.

**Export Options**: Data can be exported to formats like CSV and Excel for offline analysis and reporting.

**Scheduled Reports**: Supports scheduling reports to be automatically generated and emailed to stakeholders.

7. Version Control: Knack automatically saves revisions of your application, allowing you to roll back changes if necessary. This ensures that you always have access to previous versions of your app.  
  
**Application Versions**: Knack maintains versions of the application, allowing users to revert to previous states if needed.

**Change Tracking**: Keeps a log of changes made to the application, providing an audit trail for tracking modifications.

**Backup and Restore**: Automated backups ensure that data can be restored to previous versions in case of issues.

8. Replicability: Once you build an application, you can duplicate it within Knack or even export it as a template to share with others. This makes it easy to replicate successful apps across departments or organizations.  
  
**Templates**: Offers templates that can be used to replicate applications and workflows quickly.

**Cloning**: Users can clone applications and modify them as needed to create similar applications without starting from scratch.

**Export/Import**: Supports exporting and importing data and configurations, making it easy to replicate environments.

9. Mobile Accessibility: Knack applications are mobile responsive, meaning they adapt to smaller screens seamlessly. Users can access your apps from anywhere using their smartphones or tablets.  
  
**Responsive Design**: Applications built with Knack are automatically responsive and can be accessed from any device, including mobile phones and tablets.

**Mobile-Friendly UI**: Provides a mobile-friendly user interface that ensures a good user experience on mobile devices.

**Mobile App**: Offers a mobile app that allows users to access and manage their applications on the go.

10. Cost: Knack offers several pricing tiers, ranging from free to enterprise level. The cost depends on factors like the number of users, storage capacity, and advanced features required. Overall, Knack aims to provide affordable solutions compared to traditional software development costs.

Knack does not have a free version but does offer a free trial. Knack paid version starts at US$39.00/month.

**Subscription Plans**: Offers various subscription plans based on the number of records, users, and features, making it affordable for different business sizes.

**Free Trial**: Provides a free trial to explore the platform before committing to a paid plan.

**No Hidden Fees**: Transparent pricing with no hidden fees or extra charges.

11. Ease of Maintenance: Since Knack uses a no-code approach, maintenance is relatively simple. Updates and bug fixes are handled automatically, reducing downtime and ensuring optimal performance.  
  
**Automatic Updates**: Knack handles all software updates and maintenance, ensuring the platform is always up-to-date with the latest features and security patches.

**User-Friendly Dashboard**: The administrative dashboard makes it easy to manage applications, users, and settings.

**Monitoring Tools**: Built-in monitoring tools help track application performance and health.

12. Ease of Backup: Knack handles regular backups of all user data, providing peace of mind knowing that your valuable information is securely stored. In addition, you can manually export data at any time if desired.  
  
**Automated Backups**: Regular automated backups ensure data is safe and can be restored if needed.

**Manual Backups**: Users can also perform manual backups of their data and applications.

**Disaster Recovery**: Robust disaster recovery mechanisms ensure minimal downtime and data loss in case of an incident.

13. Ease of Use: One of the primary benefits of Knack is its ease of use. Even non-technical users can quickly learn how to build and manage applications, reducing reliance on IT teams and accelerating project timelines.  
  
**Intuitive Interface**: The drag-and-drop interface is intuitive and easy to use, even for non-technical users.

**Tutorials and Guides**: Extensive tutorials and guides help users get started quickly and make the most of the platform.

**Onboarding Support**: Provides onboarding support to help new users set up their applications and understand the platform.

**Community and Support**: Active community and responsive support team provide assistance and share best practices.

Frontend Capabilities:

Intuitive User Interface:

The user interface (UI) in Knack is designed to be user-friendly. The drag-and-drop builder allows users to create forms, reports, and dashboards without any coding. This is particularly beneficial for digital immigrants who might find traditional coding-based UIs challenging.

Data Visualization:

Knack provides various data visualization options, such as charts and graphs, which can be embedded into the application. This helps users to easily interpret and analyze data.

Customizable Dashboards:

Users can create custom dashboards that display key metrics and data points. These dashboards can be tailored to show the most relevant information for different user roles.

Form and View Builders:

The form and view builders allow users to create complex data input forms and organize how data is displayed. Users can define the fields, layout, and validation rules for forms, ensuring data consistency and accuracy.

Themes and Branding:

Knack offers options to customize the look and feel of applications, including themes, colors, and logos. This ensures that the application aligns with the organization’s branding.